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U. S. DEPARTMENT OF LABOR
BUREAU OF LABOR STATISTICS

NOVAL WERBER, Consultant

BULLETIN OF THE UNITED STATES
BUREAU OF LABOR STATISTICS

No. 265

WAGES AND HOURS OF LABOR SERIES

INDUSTRIAL SURVEY IN SELECTED IN-
DUSTRIES IN THE UNITED STATES, 1919

PRELIMINARY REPORT

Prepared under the supervision of

ALLAN H. WRIGHT

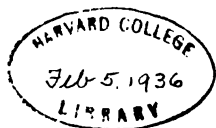
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MAY, 1920

WASHINGTON
GOVERNMENT PRINTING OFFICE
1920

Soc 1500.520.50 ✓



Prof. A. W. Holcombe

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BULLETIN OF THE U. S. BUREAU OF LABOR STATISTICS.

NO. 265

WASHINGTON

MAY, 1920

INDUSTRIAL SURVEY IN SELECTED INDUSTRIES IN THE UNITED STATES, 1919.

INTRODUCTION.

This Bulletin contains a summary report on the wages and hours of labor in 28 industries included in the industrial survey undertaken by the Bureau of Labor Statistics at the request of the War Industries Board. The funds for making this survey were allotted by the President from the National Security and Defense Fund. The original plans were made and the work begun before the end of the war. The purpose of the survey was to have available a body of reliable information about wages and hours of labor in different industries that would be of assistance in reaching an equitable solution of labor problems arising in the industries, and would at the same time furnish a record of industrial conditions at the height of war production.

The unexpectedly early termination of hostilities diminished in no degree the importance for practical purposes of reliable information concerning wages and hours of labor. It was easy to foresee, as we are now experiencing in fact, that reconstruction would have its labor problems no less troublesome and perplexing than those of war, and that for the equitable solution of these problems such accurate and reliable information would be essential. But industrial conditions underwent a sudden and radical change as soon as the armistice was signed. Some industries which had been running at top speed on war orders entered upon a period of slack business; while others, engaged in the manufacture of nonessentials, began to speed up production. Industry in general during the first half of 1919 was in an abnormal and unsettled condition. The material presented in the present report, therefore, necessarily reflects the unsettled conditions of the period of reconstruction rather than the characteristics of the war period of intense productive effort.

While the chief purpose kept in mind in outlining the plans for the survey was to accumulate information that would be useful for the

future, it was also considered important to connect it as closely as possible with the results of similar work done by the Bureau in the past. Indeed, it is only where comparisons of present conditions with past conditions are possible that the full value of studies like the present can be realized. For while a single unrelated study may shed valuable light upon conditions as they exist at the time, it does not give desired information on the more important questions concerning the direction in which things are moving or the rapidity with which they are changing.

For several years the Bureau has been making studies of labor conditions in a number of industries. The results of these studies have appeared from time to time in the Bulletins of the Bureau. Unfortunately the available funds have not made it possible to carry on such investigations with the regularity that is essential to their greatest usefulness. But so far as concerns the industries for which data gathered in previous studies are available, the present survey has been carefully planned with the purpose of making the results as closely comparable with those of previous investigations as is possible under the changing conditions of industrial life.

Considerations of time and money made necessary a sharp limitation of the field of the survey. This was sought in four directions—by a selection of industries, of States, of establishments, and of occupations. The first principle that was followed in making these selections was to cover as far as possible the same ground that had been covered by the Bureau before. The industries, States, establishments, and occupations included in previous studies were included in this investigation so far as practicable. In a few industries, however, new States were added on account of the growth of the industries in those States. In some industries certain establishments were dropped and others substituted, because of changes brought about during the years that had elapsed since the last previous investigation. Finally in some States the number of establishments in a particular industry was reduced when it seemed that a smaller number than had been included in previous surveys could be relied upon to give typical results. The details of these changes in each industry will be given in the subsequent volume of the report dealing with that industry.

Aside from the purpose of linking up the present survey as closely as possible with previous surveys the principles governing the selection of industries, States, establishments, and occupations may be stated as follows:

In the selection of industries the greatest weight was given to the number of wage earners employed in them. Unfortunately the latest figures available for most industries were those of the Census of Manufactures in 1914. The lapse of time, and still more the dis-

turbing effects of the war, have made much of this material obsolete; but in the absence of any other information on the subject it had to be used. On that basis 28 industries were selected for investigation. A list of those industries will be found on page 10.

The selection of States was made for each industry separately. In determining which States should be covered in any industry the choice was made on the basis of the importance of the State in the industry, and not on the basis of the importance of the industry in the State. Only those States were included in which the census figures showed a number of employees large enough to justify the necessary expenditure of time and money. The number of States for which information was obtained varies from 1 in the anthracite coal industry to 28 in the foundry industry.

In selecting the particular establishments in any State which should be included in the survey of an industry no attempt was made to cover the same percentage of the employees in that industry in all States. The sampling method was the only one that could possibly be followed, and the justification of the results must be based squarely on the validity of the method. For each industry in each State a sufficient number of representative establishments was included to insure fairly typical results. The application of this principle, instead of calling for a uniform proportion of establishments in each State, rather requires as a general rule a smaller proportion of establishments the larger the total number in the State and vice versa. Five out of eight establishments in a State might be none too many to give typical results, while 50 out of 80 would be grotesquely excessive. In the latter case 10 establishments would probably give practically the same averages for the State. Moreover, the more highly developed and better organized the industry is, the more nearly uniform are conditions likely to be, and the smaller the number of establishments necessary to give typical results.

The only purpose for which proportionate representation in all States included in the survey of an industry is important is in computing averages for the country as a whole. But the value of such averages would need to be very great to justify the large amount of effort involved in gathering data from the additional establishments. As a matter of fact the value of the averages is comparatively slight. Not much light is shed on the economic condition of doggers in saw-mills in the United States in 1914 by the discovery that their average wage was 17.8 cents per hour. For that national average was based on figures which gave an average of 11.6 cents for Alabama, of 31.4 cents for Montana, and averages for other States distributed between these extremes. In a country like the United States, with a widely extended territory embracing a great variety of natural and indus-

trial conditions, national averages have in general little significance; in fact they may easily represent a condition of things that actually exists nowhere in the country.

Such averages undoubtedly have considerable value as a means of measuring changes in economic conditions in an industry from year to year. But even for this purpose the figures should be used with caution. For in a widely distributed industry it is easily possible that a movement in one direction in one part of the country may be wholly or partially offset by a movement in the opposite direction somewhere else. Under such conditions the number showing the percentage of increase or decrease for the country as a whole may become as much of an abstraction as the averages on which it is based.

To determine the number of establishments that should be listed in any State on the proportionate principle, it would be necessary to have accurate, up-to-date statistics of the number of employees in each State. But if such statistics are available an equally reliable and more economical method of computing a national average may be adopted. The average for each State, derived from data obtained from a sufficient number of typical establishments in that State, may be weighted in proportion to the total number of employees in the State, and from these weighted numbers an average for the whole territory may be computed. It must be remembered, however, that the final result is not, strictly speaking, an average for the whole country, but only for the States included in the survey. Many States are entirely omitted from consideration because individually they are of too little importance in the industry to justify their inclusion in the survey, which, in the aggregate, may have a decided influence upon any professedly national average and an influence which there is no possible means of measuring. In a narrowly localized industry, like the manufacture of glass, the number of employees in the omitted States would be negligible; in a widely scattered industry like the manufacture of brick, on the other hand, the number of employees in the omitted States might even exceed the number in the States included in the survey, and the value of the so-called national average be correspondingly weakened.

The census statistics of 1914 are so far out of date that they can not be accepted as reliable indications of present conditions. Therefore no attempt has been made to work out a weighted average for any occupation even for the States covered by the survey. The averages for each occupation in each State may be used with confidence. But while the average of each occupation for all States has been computed, it should be used only with the understanding that it is subject to the limitations pointed out above.

The selection of the occupations to be included in the inquiry was the final step in marking out the bounds of the survey. The principles followed in making this selection may be briefly stated. All salaried officials and clerical employees were omitted. Of the remaining employees all were included except (a) those whose pay was wholly or in part due to their performing a supervisory function; (b) those who, either because of their youth or inexperience or partial incapacity, were receiving a wage distinctly below the normal; (c) those who were performing functions so varied or poorly defined that they could not be classified; and (d) those in occupations with so few employees that even a considerable number of establishments would not provide enough to make a fair showing.

In the studies of wages and hours carried on in recent years by the Bureau, data for all the wage-earning employees found in the selected establishments have been gathered and used in the various computations and tabulations. Those employees who did not fall within the classified list of occupations were thrown into one group, designated as "other employees." In some industries "other employees" constituted no less than 50 per cent of the total number. They were included, not because of the value attached to the information given about so heterogeneous and ill-defined a group, but because it was feared that the failure to include them might seriously affect the accuracy of the averages computed for the industry as a whole. Careful experiments recently made by the Bureau have shown that that fear was ungrounded. If care is taken to include in the selected occupations a number of low-paid employees proportionate to the number in the industry, averages computed with "other employees" included have varied little from those from which they were omitted. The limitation of the data gathered in the present survey to employees in selected occupations has materially reduced the time and labor required for the field work without impairing the value of the results.

In the following table will be found a list of the industries included in this report, and a statement of the number of States, establishments, occupations, and employees selected for each industry. In the case of any industry of which earlier surveys have been made by the Bureau there is given also the date of the last previous survey, and the number of the Bulletin in which the results of that survey were published.

TABLE 1.—NUMBER OF STATES, ESTABLISHMENTS, OCCUPATIONS, AND EMPLOYEES INCLUDED IN THE SURVEY, BY INDUSTRIES.

Industry.	Number of States.	Number of establishments.	Number of occupations.	Number of employees.	Date of last previous report.	Number of Bulletin containing report.
Automobiles.....	7	32	41	18,434		
Boxes, paper.....	10	81	14	6,102		
Brick.....	11	35	8	1,773		
Cars.....	14	23	26	15,666	1913	163
Chemicals.....	25	166	7	29,188		
Cigars.....	10	76	11	16,501	1913	161
Clothing, men's.....	9	134	28	19,661	1914	187
Clothing, women's.....	7	161	54	9,009		
Coal.....	18	223	65	56,757		
Confectionery.....	19	101	8	15,546		
Electrical machinery.....	8	38	25	5,967		
Foundries.....	28	150	14	15,423		
Furniture.....	13	112	11	11,530	1915	225
Glass.....	9	68	45	13,641		
Hosiery and underwear.....	15	51	18	15,981	1914	177
Iron and steel.....	15	67	180	31,747	1915	218
Leather.....	9	50	30	8,974		
Logging.....	21	83	10	7,330	1915	225
Lumber.....	22	141	10	18,022	1915	225
Machine shops:						
Machine tools.....	11	29	25	7,971		
Other machinery.....	27	122	33	14,931		
Millwork.....	13	105	3	5,154	1915	225
Overalls.....	19	131	4	6,797		
Paper and pulp.....	14	86	31	8,326		
Pottery.....	4	15	15	3,257		
Rubber.....	9	24	38	18,554		
Silk.....	7	33	12	9,363	1914	160
Typewriters.....	10	28	24	12,303		
Total.....	43	2,365	780	404,758		

In nearly all cases the information on which the following tables are based was gathered directly from the pay rolls by agents of the Bureau. In a few instances schedules were accepted which had been filled out by the employers, but only when the Bureau was convinced that the information contained in them was thoroughly dependable.

The hours and earnings used in computing the tables are in all instances hours actually worked and earnings actually received by individual employees. To ascertain the earnings of each individual usually involved comparatively little effort, as total earnings is an item that is nearly certain to appear on any pay roll. Where bonuses were paid, however, considerable trouble was sometimes experienced, especially when the pay-roll period did not coincide with the period used in distributing the bonus. But no establishment was taken unless some way could be discovered of determining the amount of bonus to which the employee became entitled as a result of his labor during the pay-roll period for which his wages were ascertained; and the amount put down as his earnings for the period consists of his wages plus the bonus.

Greater difficulty was experienced in ascertaining "hours actually worked." Even in the case of time workers no use could be made of the so-called normal hours of operation, but for every individual the hours actually worked by him were ascertained. This informa-

tion could sometimes be obtained directly from the pay roll. In many cases, however, the pay rolls did not give it, and it was necessary to have recourse to the time cards, and to determine for each employee the total hours worked by him by adding the hours worked day by day through the pay-roll period.

In the case of pieceworkers it was still more difficult to ascertain the hours actually worked, owing to the fact that comparatively few establishments have any record of the time worked by pieceworkers. In the absence of such records no establishment was included in the survey unless the management kept for the Bureau by special arrangement a careful day-by-day record of the time worked by each pieceworker during the selected pay-roll period. In nearly all cases such records were carefully kept. Wherever there was any reason for suspecting that the hours had been estimated or carelessly noted, the data from the doubtful establishment were not used. So far as it is practicable to control such matters, the figures given in the tables may be relied upon as giving hours actually worked and earnings actually received.

In a large proportion of the establishments the schedules were filled out for a single pay-roll period. In a few cases, where the bonus period extended over two or more pay-roll periods, schedules covering the entire bonus period were filled out. The length of pay-roll periods varied, sometimes even in the same industry, from one week to one month. The pay-roll periods included are distributed through a considerable extent of time. There would have been certain advantages in having all the pay-roll periods included within a short time, say a single month. But such an ideal arrangement was impossible, owing partly to the short time allowed for preparation and the speed with which the work had to be done, and partly to the lack of time records for pieceworkers, which made it necessary in many cases to take pay-roll periods of a later date than the time of the first visit to the establishment.

The disadvantages involved in this lack of uniformity in the dates of pay-roll periods are the result of changes taking place in the intensity of productive activity in different industries during the interval that elapsed between the date of the earliest schedule and that of the latest one. Every effort was made to eliminate so far as possible the disturbing effect of this factor of the situation by scheduling only establishments running full time, if enough such establishments could be found, and by omitting any establishment in which a change in rate of pay had occurred since the beginning of the survey. To the latter practice almost no exception was made, but it proved to be impossible to confine the survey to plants running full time in some of the industries. The effect of changing industrial conditions on hours and earnings is analyzed in detail in a later part of the report. In connection with each industry a statement is made

of the number and location of any establishments for which part-time pay rolls were taken, and also of the date of the earliest and the latest schedule included in the survey.

Occasionally an employee is entered on the pay roll as working at two or more occupations during a single pay-roll period. In tabulating the information about such individuals the following principles were followed: No such employee was included unless he worked over 50 per cent of his time at one occupation. Those working more than 50 per cent of the time at one occupation were tabulated for that occupation only; the time spent at other occupations and the payment received for such time were disregarded. It would obviously be inadmissible to compute for the full pay-roll period the hourly earnings of a man who spent 60 per cent of his time at a skilled and well-paid occupation and 40 per cent of it at a more poorly-paid occupation, and tabulate these hourly earnings under either the skilled or the unskilled occupation.

No attempt has been made to discover the cause of the small number of hours worked by many employees, beyond the statement of the number and location of the part-time establishments included in each industry. There is no means of determining whether the responsibility in other cases rests upon the employer or upon the employee. It will be seen, therefore, that the number of employees found in the short-time groups of any industry furnishes no precise measure of the amount of labor turnover existing in the industry. The greater the turnover, the larger the numbers in the short-time groups; but it can not be assumed that in any particular case the converse of that proposition is true. The most that can be said is that large numbers in the short-time groups create a presumption that the turnover is large.

This preliminary report includes all the industries covered by the survey, except the operation of hotels and restaurants. The material gathered concerning that industry is not adapted for presentation in the method selected for use in the other industries, and will appear in a later bulletin dealing with that industry alone. Other bulletins, each dealing with a separate industry, will present additional information concerning the industries included in the present volume, and will point out the conclusions that may legitimately be drawn from the information on such questions as the relative hours and wages of men and women, of pieceworkers and time workers and of dayworkers and night workers, the amount of overtime and the pay for it, and the number and kinds of bonus systems found in the establishments included in the survey.

In selecting the form of table to be used in this preliminary report the object sought was to present in comparable form the most essential facts about earnings and hours of labor in different industries and States, so far as it was possible to assemble and tabulate these

facts in the limited time available for the preparation of the report. The tables in which the information is presented consist of two parts, one dealing with hours worked, the other with earnings received. Average hours and average earnings are shown for each industry and each State and also the number of employees found in each classified hour group and wage group, respectively.

The best method of presenting time worked so as to give figures both definite and comparable was not obvious. The figure selected is one representing the average number of hours per day actually worked by each employee. But the varying length of pay-roll periods introduces rather serious complications. One-week pay-roll periods vary in length from 5 to 7 days, two weeks and half-monthly periods from 12 to 16 days, and monthly periods from 24 to 31 days; while the number of days actually worked by any individual employee may obviously vary all the way from one day to the full number of days in the pay-roll period of the establishment where he is employed.

The method adopted for reducing these incommensurable numbers to a comparable basis was to divide the hours worked by each employee by the number of week days, excluding holidays, in the pay-roll period of the establishment in which he was employed. In the case of one week pay rolls, for example, the total hours worked by each employee were in all cases divided by six. The resulting figure represents the average number of hours per day that the employee would have worked, if the hours actually worked by him had been distributed uniformly over the week days of the pay-roll period. In that form hours worked in one occupation or one State become comparable with hours worked in any other occupation or State.

Care must be exercised not to confuse this figure used in the tables to represent average number of hours per week day actually worked either with the normal hours of operation of a plant or with the normal full-time hours of any particular occupation or employee. An establishment may be in operation continuously for 24 hours a day and the employees in some one occupation in that plant may have normal full-time hours of 12 a day. If one employee in that occupation works 12 hours a day for 7 days a week, he appears in the table as working on the average 14 hours per week day; while another employee in the same occupation working only $3\frac{1}{2}$ days, or 42 hours in the week, is tabulated as working on the average 7 hours per week day throughout the pay-roll period. Only in the last form of average hours per week day actually worked can the figures be used as the basis of comparisons between the hours of people working a different number of days per week.

Unfortunately there are unavoidable difficulties involved in the attempt to combine in one table data from pay rolls of unequal length. These difficulties are due to the fact that the average number of hours worked by any employee may vary appreciably with variations in

the length of the pay-roll period. Increasing the length of the pay-roll period reduces the percentage of employees whose rate of attendance is at or near the maximum and correspondingly increases the percentage in lower-time groups. For example, in an establishment operating nine hours a day and having 100 employees, the pay roll for each of four successive weeks might show a total of 70 employees with a perfect attendance record. A distribution table of average hours worked per day, based on the pay roll of any one of these four weeks, would show the number 70 in the column headed "9 and under 10." But it is safe to assume that the 70 who were present all of the second week were not identical in all cases with the 70 who had been present all of the first week, and similarly with the third and fourth weeks. Hence a distribution table based on a pay roll covering two weeks might show only 60 in the column headed "9 and under 10," and a table for a four-week pay roll no more than 50. Meantime the numbers found in the intermediate hour groups would be correspondingly increased.

The effect of increasing the length of the pay-roll period upon the numbers in the short-hour group is more complex. So far as concerns the distribution of employees who remain on the pay roll throughout the pay-roll period, the low attendance record of any employee in one week of a four-week period is likely to be at least partially offset by a high attendance record during the other weeks. The effect of this is seen in a reduction in the numbers in the short-hour groups and an increase in the numbers in the intermediate groups. But whether the results of this movement can actually be detected in the tabulation depends upon the amount of labor turnover in the various establishments scheduled. Approximately the same number of people may withdraw permanently from an establishment each week, and in a tabulation based on the pay roll of any one week corresponding numbers would appear in the appropriate short-hour columns. But with the lengthening of the pay-roll period the effect of such withdrawals is cumulative. There will be approximately four times as many short-time workers of this class in four weeks as there are in one week. Even this does not exhaust the influence of labor turnover. In the place of each short-time worker who leaves his job appears another short-time worker who takes it up. For even if the newcomer stays until the end of the period, his hours have been shortened by the time elapsed before he began to work. It should be recognized, however, that this tendency of labor turnover to increase the proportion of laborers in the short-time groups is partially, but only slightly, offset by an attendant increase in the total number of employees on the pay roll. That is, the 200 employees found in a particular hour group constitute a distinctly smaller proportion of the 1,200 employees on the pay roll than they

would of the 1,000 employees who would have been enough to fill all the positions if there had been no turnover in the establishment. But obviously the percentage of increase of the entire body of employees as a result of labor turnover can never be so great as the percentage of increase in those short-time groups which are directly augmented in numbers as a result of the turnover.

The following table illustrates the effect of the lengthening of the pay-roll period upon the distribution of employees in hour groups. It is based upon the pay roll of an establishment which had a one-week pay-roll period and a four-week bonus period. It gives the average hours per week day worked by all the employees, and the number working each classified number of hours per day, first for each of the four weeks separately, and then for the same four weeks combined. The second half of the table shows what percentage of the total number of employees the number in each hour group constitutes.

TABLE 2.—AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY IN ONE ESTABLISHMENT IN 1918, BY PAY-ROLL PERIODS.

Pay-roll period for—	Number of employees.	Average hours worked per week day.	Employees whose average hours per week day for the pay-roll period were—													
			Under 1.	1 and under 2.	2 and under 3.	3 and under 4.	4 and under 5.	5 and under 6.	6 and under 7.	7 and under 8.	8 and under 9.	9 and under 10.	10 and under 11.	11 and under 12.	12 and under 13.	13 and over.
Number.																
Week ending Oct. 8.....	421	8.2	3	9	2	22	15	17	14	29	53	191	46	16	3	1
Week ending Oct. 15.....	430	8.3	2	4	8	27	11	17	17	31	53	181	41	27	6	.....
Week ending Oct. 22.....	426	8.8	1	6	2	20	7	9	13	29	50	206	28	27	9	.....
Week ending Oct. 29.....	429	8.6	1	4	2	16	9	14	13	19	66	221	37	21	6	.....
Four weeks ending Oct. 29.	457	7.8	3	10	7	17	15	26	37	66	122	104	35	15	.....	.....
Per cent.																
Week ending Oct. 8.....	421	8.2	0.7	2.1	0.5	5.2	3.6	4.0	3.3	6.9	12.6	45.4	10.9	3.8	0.7	0.2
Week ending Oct. 15.....	430	8.3	.5	1.0	.7	6.4	2.6	4.1	4.1	7.4	12.6	43.1	9.8	6.4	1.4	.....
Week ending Oct. 22.....	426	8.8	.2	1.4	.5	4.7	1.6	2.1	3.1	6.8	13.9	48.4	8.9	6.3	2.1	.....
Week ending Oct. 29.....	429	8.6	.2	.9	.5	3.7	2.1	3.3	3.0	4.4	15.4	51.5	8.6	4.9	1.4	.....
Four weeks ending Oct. 29.	457	7.8	.7	2.2	1.5	3.7	3.3	5.7	8.1	14.5	26.7	22.8	7.7	3.3	.....	.....

An examination of the table brings out the following facts: The largest number on the pay roll for any one week was 429, while 457 different individuals were included in the four week enumeration. The average number of hours worked for the different single weeks varied from 8.2 to 8.8, while the average shown for the four weeks combined was only 7.8. The numbers and percentages in the upper hour groups—those working 9 hours a day or more—show the falling off that the previous discussion indicates. Whereas from 4 to 9 employees averaged 12 hours a day or over in the single weeks, no one

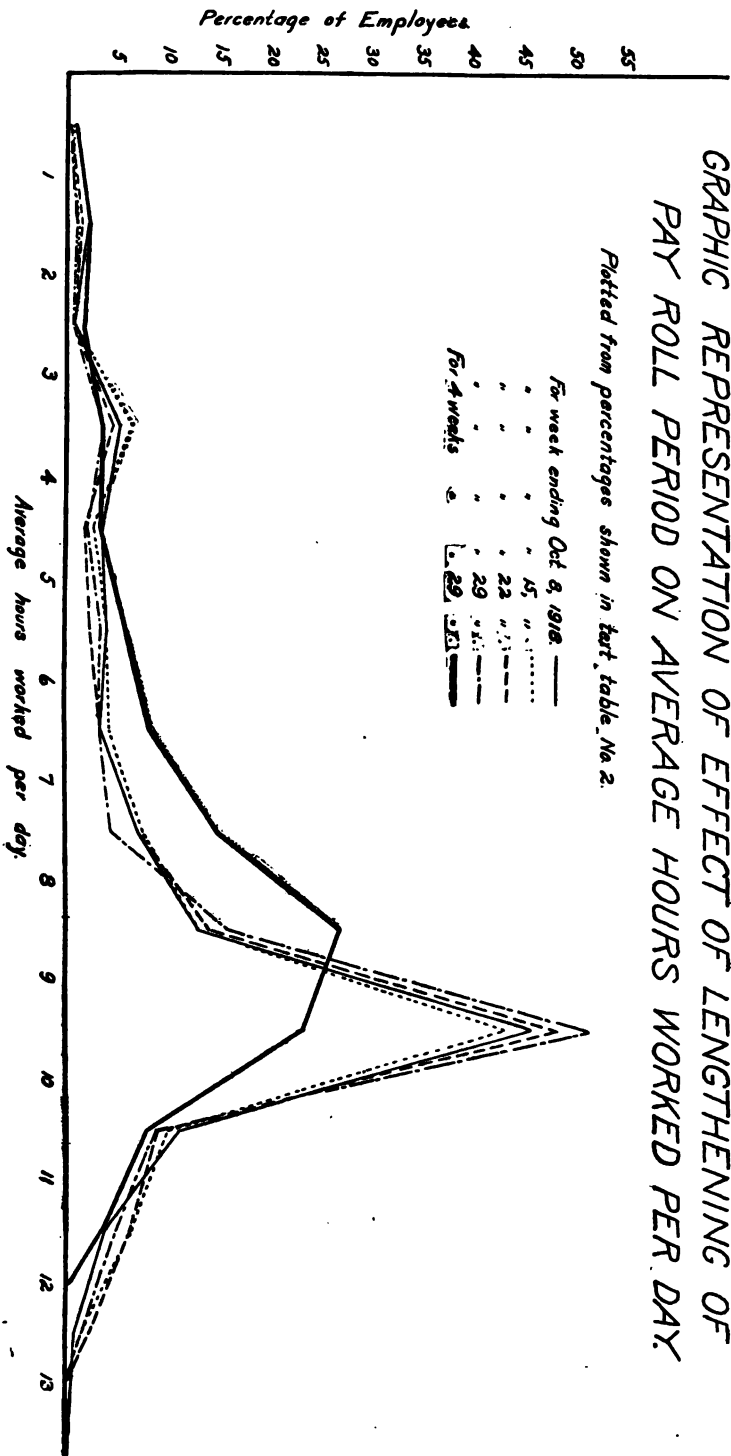
employee kept up that average for the full four weeks. The mode dropped from "9 and under 10" to "8 and under 9." The tendency to concentration in the intermediate groups is shown by the increase in the percentage of people working an average of 5 and under 9 hours a day. For one-week pay rolls those percentages are 26.8, 28.2, 25.9, 26.1, respectively, while for the same four weeks combined the percentage is 55.

Finally in the short-hour groups the net result of the two tendencies noted above, the one toward an increase in average hours on the part of persistent employees, the other toward an increase in the number of short-time workers owing to the cumulative effect of labor turnover, gives in this instance an increase in the proportion of people working an average of less than three hours per day. In the successive four weeks taken separately 3.3, 2.2, 2.1, and 1.6 per cent of the employees were found in that group, while for the four weeks combined no less than 4.4 per cent are included. This result shows that the number of people who stayed on the job only a short time was so great that their influence outweighed that of the persistent employees whose short hours in one week were offset by longer hours in other weeks. It may be noted in passing that the reduction from week to week in the percentage of people working less than 3 hours a day indicated by the figures 3.3, 2.2, 2.1, and 1.6 for the successive weeks was due to the gradual subsidence of the attack of influenza from which the community had been suffering. On the other hand as the establishment was one employing comparatively little unskilled labor, in which group the largest amount of labor turnover is usually found, the influence of that factor on average hours was less than it would be in a plant with a larger percentage of such labor.

It must be remembered that the figures given in the table all apply to the same establishment, and that the differences between the report for the four weeks combined and the reports for the same four weeks taken separately are entirely due to the effect of the combination itself. The figures do not agree but all are true, each faithfully representing conditions for the particular pay-roll period to which it applies. Whether the combined figures afford a safer basis for generalizations concerning the normal working time of employees in the industry than do the figures based on the experience of a single week is a complex question into which it is not necessary to inquire at this time.

The following diagram presents in graphic form the percentages given in the second half of the table just discussed. The four lines running approximately side by side are for the four weeks separately, while the heavy solid line represents the facts for the four weeks combined. The effect of the combination upon the percentage distribution of employees in the different hour groups is too obvious to need further comment.

INTRODUCTION.



It will be seen, then, that increasing the length of pay-roll periods has a tendency to reduce the proportion of permanent employees in the long and short hour groups and to increase the proportion in the intermediate groups; and at the same time to increase the figures in the short-time columns by including a larger proportion of people who leave their jobs before the end of the period or enter upon them after the beginning of it. These conditions, while they render it impossible to draw reliable conclusions as to relative hours worked in different States, industries, or occupations from the results of the indiscriminate combination of data from pay rolls covering periods of unequal length, do not of themselves impair the accuracy of comparisons based on pay-roll periods of approximately equal length. How far such comparisons may be vitiated by local and temporary conditions found in any locality or any industry in the particular period covered by the survey is discussed below.

As there seems to be no practical method of correcting the errors involved in combining data from pay-roll periods of different lengths, the only recourse is to group pay rolls according to their length. The material in this report is therefore presented separately for one-week pay rolls, for two-week and one-half month pay rolls, and for four-week and one-month pay rolls, in whatever occupations pay-roll periods of these different lengths are found. Following the separate reports for the several kinds of pay rolls for each occupation is given a total for all the pay rolls combined. The items in that line that refer to hours worked should be used only with the qualifications pointed out in preceding paragraphs.

The best form of presentation of the material concerning earnings in different industries, States, and occupations has already been selected by the Bureau, and has been used by it in all its reports on wages and hours already published. The desired figure is found by dividing the total earnings of each employee by the number of hours actually worked by him during the pay-roll period. The quotient thus obtained represents the amount per hour that he would have received if his total earnings for the pay-roll period had been uniformly distributed over the hours actually worked by him during that period. The same figure has been used in this report, not only for the sake of uniformity with earlier reports, but also because it is unquestionably the most valuable figure available for the purpose in hand.

Relative hourly earnings as between different industries, occupations, or States are not directly affected by the inclusion of pay-roll periods of unequal length. Whether a pay roll for a week or one for a month is taken, it is safe to assume that under uniform conditions approximately the same hourly earnings will be found. The figures representing hourly earnings in each occupation for all

pay-roll periods combined, which are shown in the "grand total" for the occupation, unlike the figures for average hours given in the same line, are just as reliable for purposes of comparison as are those in the tables based on pay-roll periods of equal length.

In the form of average hours worked on each week day of the pay-roll period and average amount earned in each hour actually worked the heterogeneous mass of information concerning hours and wages secured from the pay rolls of industrial establishments becomes available for deductions concerning relative hours and earnings in different industries, States, and occupations. For reasons to be pointed out presently it is always possible to overemphasize the significance of minor inequalities, and in view of the unsettled character of the period covered by the survey generalizations based on the figures contained in this report must be made with caution. In spite of these limitations, however, the information here presented, summarizing as it does the wages and hours of more than 400,000 wage earners, may be relied upon as furnishing a picture of industrial conditions at the time of the survey which is entirely accurate in its general outlines and reasonably so even in minor details.

Reference has been made above to certain limitations under which the following tables should be used as a basis for comparisons and generalizations. At the risk of seeming to overemphasize the importance of these limitations it seems advisable in the interests of scientific exactness to consider at some length what they are and how far they affect the usefulness of the material. For the most part they center about two questions. The first question is how far information based on a single pay-roll period may safely be used as the basis for comparisons and for generalizations. The second is to what extent the fact that an investigation of this kind necessarily covers a considerable period of time affects the reliability of the results for the same purposes.

Even where pay-roll information is secured for a fairly normal industrial period, and all pay rolls copied cover practically the same week or month, care must be used in making generalizations about this or that industry, or in drawing comparisons between industries or localities, on the strength of data obtained from a single pay-roll period in each establishment. Differences in seasonal, local, or general conditions would even in normal times lead to differences in the degree of activity of different industries, and these, again, would in many instances be reflected in abnormal conditions of labor. It is hardly conceivable that any one period should be typical of an entire year in all industries alike. At the season when one is normal, another may be running light and a third be in the midst of a seasonal rush. These differences would be reflected both in

the figures for hours worked and in the reports of earnings. It can never be assumed without reservation that the hours worked in a particular pay-roll period are typical of hours worked throughout the year, or that the earnings of an entire year can be ascertained by multiplying the earnings of a single pay-roll period by the number of such periods in a year.

The effect of differences in the intensity of productive activity upon hours is sufficiently obvious. Up to a certain point increased production means longer hours of labor, and decreased production means shorter hours. And because hours of work are adjusted to changing industrial conditions more readily than rates of wages, it is natural to find hours affected more than wages by differences in the degree of industrial activity. But even relative hourly earnings do not entirely escape the disturbing effect of unlike industrial conditions. The reliability of earnings per hour as a basis of comparison between different occupations or localities is somewhat diminished wherever unequal amounts of overtime are found in different establishments, and probably also where unequal amounts of part time are found.

As is well known overtime was almost universal in the so-called war industries during the period of the war. When the plans for the industrial survey were outlined, a careful study of overtime hours and earnings was included in the program for the purpose of securing a record of such work as it was carried on at the height of war-time production. After the cessation of hostilities, however, the amount of overtime in many industries began to diminish, but with unequal rapidity in different industries. At the time for which the schedules for the survey were filled out some establishments were still working at high speed, while in others overtime had partly or wholly disappeared, and in some cases plants were even running less than full time. On the other hand in a few nonessential industries the amount of overtime was increasing during the progress of the survey.

Where the payment for overtime is at the same rate as the payment for regular time the inequality in the proportion of overtime in different establishments has no effect upon relative hourly earnings. But the common practice of paying extra for overtime, not infrequently as much as twice the rate for regular time, diminishes to a certain extent the comparability of the figures for hourly earnings, even when only figures from pay-roll periods of the same length are tabulated together. This may be easily shown by a simple illustration: Two establishments in a certain industry pay the same rate in a given occupation, namely 40 cents an hour for eight hours regular time and double time for overtime. Because at the time when the plants are scheduled one of them is working 10 hours a day and the other 8, the earnings per hour appear as 48 cents in the one case and 40 cents in the other. These figures undoubtedly represent correctly the

conditions as they exist at the moment, but it would be improper to draw any conclusions from them as to the relation between rates or normal earnings in the two establishments. Data gathered at another period might show conditions exactly reversed.

When the hours of labor in an establishment have fallen to the point where no overtime is worked, a further reduction of hours to a short-time basis involves no necessary additional reduction in hourly earnings for employees working on a time basis. On the hourly earnings of pieceworkers, however, there is some reason to think that part time hours do have an effect, but the direction and extent of their influence is not easily determined. Some employees may relax during periods of slack production and show hourly earnings below the normal, while others may be spurred on to unusual exertion in order to earn as much as possible during their shortened work period, and consequently show abnormally high hourly earnings. As there is no method of determining in which direction any particular group of employees react to the influence of part time, it is impossible to do more than recognize the existence of this factor of uncertainty.

To complete the analysis of the effect of unequal rates of production upon the hours and earnings of employees, another somewhat more subtle point must be mentioned. An establishment which is slowing down and which consequently lays off some of its force during the pay-roll period covered by the survey will by that act increase the proportion of employees in the short-time groups above what it would be if a uniform rate of operation were maintained. It is interesting to note that the speeding up of production has the same effect. For the employees taken on during the pay-roll period in this case, like those laid off in the preceding case, must all appear in the short-time columns. Therefore in comparisons made between industries or between States somewhat longer hours worked will be indicated where conditions of operation are stable than where production is either speeding up or slowing down.

In so far, then, as an investigation covering only one brief period of time finds some industries active and others quiet, or possibly the same industry in different parts of the country experiencing unlike degrees of activity, allowance must be made for those conditions in using the material pertaining to hours of work; and similarly, if unequal amounts of overtime or part time are found, those conditions must be borne in mind in connection with the figures for hourly earnings.

The answer to the second question raised above, how far the value of the figures is affected because such an investigation necessarily covers a considerable period of time, is sufficiently obvious. The longer the period over which the survey extends, the more numerous and the more important are the variations in industrial activity likely to be as between different industries or different localities. The application of this principle to the present survey may be briefly

pointed out. While the great majority of the pay-roll periods covered by the investigation fall within the term of nine months extending from September, 1918, to May, 1919, the table on pages 34 and 35 shows a few schedules for earlier pay-roll periods and a few running over into June, 1919. During this period industry not only was in a very abnormal condition, but was also undergoing rapid and extensive changes. Some industries, like the manufacture of automobiles, were expanding during the time between the signing of the armistice and the close of the survey; while others, like the iron and steel industry, were showing from week to week a gradual falling off of activity. In industries of the first class hours of labor would appear unduly short in the States from which the earlier schedules were obtained in comparison with those which were covered later, while in industries in the second group the opposite condition would prevail.

No better example of an industry of the second class can be found than the mining of bituminous coal. During the earlier part of the investigation it was not difficult to find mines running full time, while later on mines running even half time were comparatively few in number in some States. Accordingly the States which were covered during the early weeks of the survey make a much better showing of hours worked than do the States covered later. In the later States the condition of slack production is reflected in the small number of hours worked by the employees of the mines. From the records of such an extended and unstable period no legitimate deductions can be made as to the hours worked by the coal miners in normal times or as to the relative hours of miners in different parts of the country or of miners in comparison with men in other occupations.

With the increase or decrease in hours caused by the expansion or contraction of industry has come an increase or decrease in the amount of overtime. This in turn, as was pointed out above, causes a corresponding increase or decrease in the average hourly earnings of employees. As a general rule establishments covered early in the survey show more overtime than do those scheduled toward the end of the period. And as the survey was for the most part carried on in the convenient and economical method of proceeding State by State in each industry, the figures for hourly earnings in any occupation in an entire State may suffer somewhat in comparison with similar figures in the same occupation in another State if the data concerning the former apply to a late pay-roll period and those of the latter to an early period.

While it has seemed necessary to point out the allowances that must be made in using the general tables in this report as the basis of generalizations, or of comparisons between industries or between States, it remains true that the information contained in them, gathered with extreme care and covering more than 400,000 employees, is of the greatest value for industrial and sociological pur-

poses. In dealing with large numbers the effect of minor discrepancies is largely eliminated. The figures here given may be absolutely relied upon as furnishing an accurate representation of a cross section of the industrial society of the United States at a given period. In a general way, moreover, they furnish material on which generalizations and comparisons may be based, provided no effort is made to emphasize minor differences.

There is only one way in which the weaknesses of a single survey like the present can be avoided. There must be available the results of a number of similar surveys in the past, from which normal standards of hours and wages may be established. If such a standard basis of comparison were in existence, the present report would furnish an interesting and valuable measure of the degree of abnormality of the period covered by the survey; and with the possibility of using the proper correction for such abnormal conditions, the present figures could be much more safely used as a guide for the immediate future than they can be in the absence of such correction.

While the results of the present survey especially need to be brought into comparison with similar figures for normal periods, owing to the generally unsettled conditions of the time, the same necessity exists, only in a lesser degree, in the case of any single survey, however normal the period covered by it. For it is hardly conceivable that at any one time all industries in all localities are running under normal conditions; but in the absence of standards established by previous investigations no means exist for measuring the degree of abnormality, or even for establishing the fact of its existence.

In other ways, also, the value of these studies would be greatly enhanced if the results of one survey could be brought into comparison with those of similar previous investigations. To speak only of the items tabulated in the present volume, it can readily be seen that the information as to hours and earnings of the employees of any occupation or locality is interesting and valuable in itself only as a representation of conditions existing at the time. But both as a matter of historical interest and from a practical point of view it is even more important to know what changes in hours and earnings are taking place from year to year, and that knowledge can be obtained only by means of periodical surveys of the industrial field. How often such surveys should be undertaken depends somewhat upon the rapidity with which industrial changes are taking place. Under conditions such as prevail to-day a yearly survey would be none too frequent, while in normal times two or even three years' interval might be allowed to elapse between two successive studies of the same industry.

Of the 28 industries included in the present survey, 10, as will be seen from the table on page 10, have been the objects of earlier

investigations by the Bureau. In the case of 5 of these industries the last previous report is for 1915, for 3 it is for 1914, and for 2 it is for 1913. For all these 10 industries the information gathered to-day acquires additional value because of the possibility of bringing it into comparison with similar information contained in the earlier reports. It must be recognized, however, that as the length of time elapsing between two successive investigations of the same industry is increased, the value of the material for comparative purposes diminishes somewhat. It may be added that the longer the interval between the surveys is made, the greater becomes the difficulty and the expense involved in carrying them out. For the other 18 industries included in this survey no basis for comparison exists, and the information is valuable only as descriptive of present conditions, and as furnishing a point of departure for comparative studies based on later investigations of the same industries.

No one will question the great need that exists for the accumulation of a large body of accurate statistical information concerning the earnings and hours of employment of the wage-earning people of the United States. It will become more and more essential as time passes that the decision of all questions involving the economic well-being of the laboring classes should rest, not on guesswork or on ex parte statements, whether of employers or of employees, but on the accurate, reliable, and strictly impartial results of investigations such as the industrial survey. Economic questions are bound to constitute a constantly increasing share of the business coming before legislative and administrative bodies, and the fundamental question underlying all specific economic and industrial problems has to do with the effect of the action under consideration upon the well-being of the wage-earning classes. Congress in its deliberations upon the tariff or immigration or the Federal control or operation of industry, State legislatures in outlining plans for workmen's compensation or industrial insurance or minimum-wage laws for women, Federal and State commissions in regulating the prices of commodities or services placed under their control or in seeking to reconcile conflicting claims of employers and employees as to hours, wages, or other conditions of employment, all need the guidance of a carefully selected and clearly presented body of information concerning existing conditions on which to base their action. The Bureau of Labor Statistics could render no greater service to the country than that of always having available for the use of such legislative and administrative officers a large body of up-to-date information on all matters pertaining to the economic condition of wage workers and their relations to their employers.

The industrial survey has brought together information concerning the hours and earnings of 404,758 wage earners, distributed among 28 industries and 43 States. Of the total number of employees

318,946 are males and 85,812 are females. In the general tables constituting the body of this report the information is presented in detail by occupation, sex, and State for each industry covered by the survey. These general tables are preceded by two summary text tables. In the first one the data are assembled by industry and sex with all States combined; in the second one the same information is given by sex for each State with all industries in the State combined. Additional columns in the first table indicate how many States and how many employees are included in each industry; similar columns in the second table indicate how many industries and how many employees are included in each State.

So large a number of employees is included in these summary tables that the figures here given may safely be regarded as fairly typical of the economic condition of the industrial population of the country at the time when the survey was made. For close comparison, however, whether between industries, occupations, or localities, based either on the summary tables or on the general tables, all the disturbing factors pointed out earlier in the report must be borne in mind. In order that the reader may have available the information needed to enable him to make proper allowance for these factors in using either the general or the summary tables, a number of important details concerning the method in which the survey was carried out are herewith presented.

Table 3 presents a correlation of States and industries. From this table the reader may readily ascertain either what industries were included in any State or what States were covered in any industry. As an additional detail the sex of the employees is indicated in the case of each item. Thus "M. F." in the column headed "Boxes, paper" and in the line beginning Connecticut, indicates that both male and female employees in the paper-box industry were scheduled in the State of Connecticut. In the survey of the more highly centralized industries, like the manufacture of automobiles, clothing, iron and steel, pottery, and rubber, practically every State in which the industry is important has been included. In widely scattered industries like the manufacture of brick, chemical products, confectionery, and millwork, many States in which the industries are found have necessarily been omitted. It would throw some light on the representative character of the figures for each industry if it were possible to bring into comparison with the number of employees included in the survey in each State the total number in that State and also the number in the omitted States. Unfortunately the latest available figures for the number of employees in the different industries and States are so out-of-date that the use of them for this purpose would be misleading rather than informing. In interpreting the figures for the different industries in the first summary table, and especially for the different States in the second summary table, these facts should be taken into consideration.

In the following paragraphs are given a number of important details about the conditions under which the survey of each industry was carried out. In the case of any industry which comprises two or more generally recognized subdivisions the parts covered by the survey are enumerated. The dates of the first and last pay-roll periods included in each industry are given, as well as the number of part-time pay rolls from which information was taken and the States in which they are located. Due consideration should be given to these facts in making use of the data given in the tables. A more detailed account of the conditions prevailing in each industry at the time of the survey, and the method in which the investigation of that industry was carried out, will be found in the later volumes of the report dealing with the several industries separately.

Automobiles.—The manufacture of automobiles may be readily subdivided into two parts—the manufacture of pleasure cars and the manufacture of commercial cars. Of the 32 establishments covered in this investigation, 13 manufactured only pleasure cars, 14 only commercial cars, while 5 manufactured both pleasure and commercial cars. The earliest schedule included in the survey of the automobile industry was for the pay-roll period ending January 11, 1919, and the latest for the period ending April 26, 1919. No part-time pay rolls are included. The industry as a whole was active at the time of the investigation, with some increase of activity noticeable during the progress of the survey.

Paper boxes.—In the manufacture of paper boxes, two subdivisions are recognized, depending on whether the product consists of folding boxes or set-up boxes. Of the 81 establishments covered by the survey, 47 were manufacturing only set-up boxes, 15 only folding boxes, while 19 manufactured both set-up and folding boxes. The earliest schedule included in the survey of the paper-box industry was for the pay-roll period ending January 8, 1919, and the latest for the period ending May 15, 1919. No part-time pay rolls were included. Factories making set-up boxes were very active, while many of those manufacturing folding boxes were running rather light. During the progress of the survey the industry was expanding.

Brick.—The earliest schedule included in the brick industry covered the pay-roll period ending January 31, 1919, while the latest was for the period ending May 30, 1919. No part-time pay rolls were included. The industry was extremely quiet and practically stationary throughout the period of the survey.

Cars.—The investigation in the car industry was confined to establishments engaged in the manufacture of freight cars on a commercial basis. The earliest schedule included in the survey was for the pay-roll period ending February 6, 1919, and the latest for the period ending May 15, 1919. No part-time pay rolls were included. The

condition of the industry was practically stationary during the period of the survey.

Chemicals.—Under this general heading the survey included establishments engaged in the manufacture of general chemicals, explosives, pigments, fertilizers, food products, petroleum products, soap, and sugar. The earliest schedule included in the survey was for the pay-roll period ending September 25, 1918, while the latest was for the period ending May 31, 1919. Only 13 of the 166 schedules included in the tabulation were for periods antedating January 1, 1919. No part-time pay rolls were included. During the period covered by the survey the activity of the industry in general was diminishing. In some branches the contraction was quite rapid owing to the cancellation of war contracts.

Cigars.—The material here presented on the cigar industry applies only to the manufacture of what are known in the trade as large cigars. The earliest schedule was for the pay-roll period ending January 17, 1919, and the latest for the period ending May 17, 1919. Four schedules of establishments working only five days a week were included. These were all located in the East, three in Massachusetts and one in Pennsylvania, and reflect the curtailment of production in that section of the country that prevailed during the time of the survey. In other parts of the country conditions were normal, except that there was some falling off in demand, owing to the approach of the date for enforcing prohibition.

Men's clothing.—The material included in this industry covers the manufacture of coats, pants, and vests for the trade. The earliest schedule included in the survey was for the pay-roll period ending August 8, 1918, while the latest was for the period ending March 19, 1919. Of the 134 schedules included in the industry, 29 were for periods earlier than January 1, 1919. No schedules for part-time pay rolls were included. In general the survey covered a busy period in this industry, although toward the end of the period the industry was contracting somewhat.

Women's clothing.—Under this general heading are included five subdivisions, the products of which are, respectively, cloaks, suits and skirts, dresses and waists, house dresses, children's dresses, and white goods. The earliest schedule in any branch of the industry was for the pay-roll period ending December 21, 1918, while the latest was for the period ending April 26, 1919. Only one schedule antedated January 1, 1918. No schedules for part-time pay-roll periods were included. The industry was very active during the period of the survey, expanding somewhat from the beginning until near the end of the period.

Coal mining.—The schedules for the coal-mining industry cover both anthracite coal mining and bituminous coal mining. All

schedules for anthracite mines were for the pay-roll period ending January 31, 1919. The earliest schedule for a bituminous mine was for the same date, while the latest covered the period ending May 31, 1919. During January, February, and March, production fell off sharply, while during April and May conditions in the industry were improving. Many part-time pay-roll periods are included in the tabulation. By States, the condition of the industry at the time of the survey was approximately as follows:

One-fourth to three-fourths time.—Utah.

One-fourth to full time.—Colorado, Illinois, Indiana, Iowa, Kentucky.

One-half to full time.—Alabama, Kansas, Maryland, Missouri, Pennsylvania, Tennessee, Virginia, West Virginia, Wyoming.

Three-fourths to full time.—New Mexico, Ohio, Oklahoma.

Confectionery.—The earliest schedule in this industry was for the pay-roll period ending January 4, 1919, and the latest for the period ending June 3, 1919. No part-time pay rolls were included. The industry was active during the entire period covered by the survey and expanding somewhat.

Electrical apparatus.—Under this heading is included information concerning the manufacture of such electrical machinery as generators, motors, and transformers, and such apparatus and supplies as telephone equipment, meters, circuit breakers, rheostats, and wiring devices. The earliest schedule was for the pay-roll period of the month of November, 1918, and the latest for the week ending May 21, 1919. Only one schedule antedated January, 1919. Only one part-time pay roll was included. That was for an establishment in Massachusetts. The industry was in a stationary, quiet condition during the period of the survey.

Foundries.—The foundries from which data for the survey were obtained were, for the most part, departments of establishments using their own castings. Automobiles were the final product of 1 of these establishments, electrical apparatus of 2, typewriters of 2, machine tools of 5, cars of 6, and machinery of 134. The earliest schedule was for the pay-roll period ending October 26, 1918, and the latest for the period ending May 16, 1919. Only 15 pay-roll periods are included which antedated January 1, 1919. Of these 8 fell in the month of December. Part-time pay-roll periods were included as follows: One in Maine, two in New Hampshire, one in Vermont, one in Massachusetts, one in Rhode Island, three in New York, one in Pennsylvania, one in Delaware, and one in Iowa. The foundry industry in general was undergoing gradual contraction of business during the period covered by the survey.

Furniture.—This survey of the furniture industry was confined to establishments engaged in the manufacture of plain or upholstered wooden furniture. The earliest schedule in the furniture

industry was for the pay-roll period ending October 31, 1918, and the latest for the period ending March 5, 1919. Four schedules antedated December 1, 1918. Nearly all of the pay-roll periods fell in the months of December, January, and February. No part-time pay rolls were included. The condition of the industry was practically stationary and generally somewhat below normal during the period covered by the survey.

Glass.—The glass industry calls for subdivision according to the nature of the product. The present survey includes establishments engaged in manufacturing the following articles: Bottles, lighting fixtures, plate glass, tableware, and window glass. The earliest schedule was for the pay-roll period ending October 15, 1918, and the latest for the period ending May 17, 1919. Only one schedule was for a period antedating January 1, 1919. Part-time pay rolls were included as follows: Two in New York and one each in New Jersey and Pennsylvania. The glass industry was somewhat stagnant during the first part of 1919. Later, most forms of glass manufacturing showed a tendency to expand in volume. The manufacture of bottles, however, suffered further contraction, probably due to the approach of the time for the enforcement of prohibition.

Hosiery and underwear.—Of the 51 establishments from which information was obtained for the hosiery and underwear industry, 24 manufactured only hosiery, 24 only underwear, while 3 manufactured both hosiery and underwear. The earliest schedule was for the pay-roll period ending December 20, 1918, and the latest for the period ending May 21, 1919. Only four schedules antedated January 1, 1919. It was found necessary to include a considerable number of part-time pay-roll periods in the industry, and a number of others in which a part of the plant was on short time. By States the establishments were distributed as follows: All occupations on short time—Massachusetts, 1; Connecticut, 1; Michigan, 1; North Carolina, 2; Tennessee, 1; some occupations on short time—New Hampshire, 1; Massachusetts, 1; New York, 1; Pennsylvania, 2; Virginia, 2; Tennessee, 2; Ohio, 2; Michigan, 2; Wisconsin, 1. As would be inferred from the number of part-time pay rolls listed above, the industry was in a very inactive condition. There was not much change in that respect between the beginning and the end of the period covered by the survey.

Iron and steel.—The departments of the iron and steel industry included in the survey are the following: Blast furnaces, Bessemer converters, open-hearth furnaces, puddling mills, blooming mills, plate mills, standard rail mills, bar mills, sheet mills, and tinplate mills. The earliest schedule was for the pay-roll period ending October 26, 1918, except for one department of one plant dating from June, 1918, and the latest for the period ending May 17, 1919.

Schedules for 33 of the 67 establishments included in the tabulation antedated January 1, 1919. Of these, 28 were for December, 1 was for November, and 3 were for October. Part-time pay rolls, for one department only, were taken in 9 establishments, distributed as follows: Two in Pennsylvania, 5 in Ohio, and 1 each in Illinois and Virginia. The industry was running at high speed until the beginning of 1919; after that time the rate of production fell off rapidly.

Leather.—The three divisions of the leather industry represented in the present survey are the tanning of sole leather, of upper leather, calf and cow, and of goat and kid skins. The earliest schedule was for the pay-roll period ending January 31, 1919, and the latest for the period ending June 6, 1919. No part-time pay rolls were included. The industry was in a practically stationary condition, or slightly contracting, during the period covered by the survey.

Logging.—The earliest schedule in the logging industry was for the pay-roll period ending September 30, 1918, and the latest for the period ending March 31, 1919. Of the total number of schedules, 26 antedated January 1, 1919. No part-time pay rolls were included. The condition of the industry was practically stationary and generally somewhat below normal during the period covered by the survey.

Lumber (sawmills).—The earliest schedule in the lumber industry was for the pay-roll period ending September 14, 1918, and the latest for the period ending April 12, 1919. Of the total number of schedules, 45 antedated January 1, 1919. No part-time pay rolls were included. The condition of the industry was practically stationary and generally somewhat below normal during the period covered by the survey.

Machine shops.—The machine shop products included in the survey have been grouped under two heads—machine tools and other forms of machinery. Moreover, considerable machine shop work is found also in other industries covered by this investigation, such as the manufacture of automobiles, of cars, of electrical apparatus, and of typewriters. Where the term "machinery" is used in this report, it is to be understood as referring to the industry here called "other machinery".

Machine tools.—The earliest schedule in the machine tool industry was for the pay-roll period ending September 17, 1918, and the latest for the period ending April 8, 1919. All the pay-roll periods except the one in April fell in the months of September, October, and November. No part-time pay rolls were included. During the earlier months of the survey, production was proceeding at top speed; at the date of the last schedule the rate of production had fallen off materially, a condition reflected principally in the laying off of night shifts.

Other machinery.—Of the machine-shop products grouped under the head of other machinery, about 50 per cent were engines and pumps. The other 50 per cent consisted of such heavy products as mining machinery, ice-making machines, printing presses, sugar-mill machinery, and textile machinery. The earliest schedule was for the pay-roll period ending October 31, 1918, and the latest for the period ending May 24, 1919. Of the 122 pay-roll periods included in the survey, only 10 antedated January 1, 1919. Of these, 7 were for December, 2 for November, and 1 was for October. One part-time pay roll was included in each of the following States: New Hampshire, New York, Maryland, Indiana, Iowa. In general the industry was contracting during the period covered by the survey, and toward the end of the time conditions were considerably below normal.

Millwork.—The earliest schedule taken in the millwork industry was for the pay-roll period ending September 27, 1918, and the latest for the period ending April 5, 1919. Of the 105 schedules taken for the survey, 53 antedated January 1, 1919. Of these, 47 were for pay-roll periods in December. No part-time pay rolls were included. The industry increased in activity during the latter part of the period covered by the survey.

Overalls.—So far as possible, the information compiled for the overalls industry was limited to employees engaged directly upon overalls. In a few establishments, however, where overalls were the chief product, but khaki or cottonade work pants or work shirts were also made, it was impossible to segregate the overalls employees. The earliest schedule in the industry was for the pay-roll period ending January 15, 1919, and the latest for the period ending June 12, 1919. Of the 131 pay rolls included, only 7 antedated the second half of March. One part-time pay roll in New York was taken and a few other establishments were included in which the usual Saturday half holiday had been lengthened to include the whole day. The industry was going through a dull period, due to the termination of war orders, but toward the end of the period was gradually getting back to normal conditions.

Paper and pulp.—The survey of the paper and pulp industry included the manufacture of news print, wrapping, and blotting paper, book paper, and writing paper. The earliest schedule was for the pay-roll period ending October 7, 1918, and the latest for the period ending May 24, 1919. Of the 86 schedules included in the survey only 11 antedated January 1, 1919. No part-time pay rolls were included. Owing to war-time restrictions, the industry was quiet during the early part of the survey. After the first of January there was a slow but constant increase in activity until the end of the period covered by the survey.

Pottery.—The earliest schedule included in the pottery industry covered the pay-roll period ending March 14, 1919, while the latest was for the period ending June 13, 1919. No part-time pay rolls were included. The condition of the industry was normal.

Rubber goods.—Of the several branches of the manufacture of rubber goods four were included in the survey, viz: The manufacture of tires and tubes, of hose, of boots and shoes, and of mechanical goods. The earliest schedule was for the pay-roll period ending November 11, 1918, and the latest for the period ending April 4, 1919. Of the 24 schedules included, only 3 and part of a fourth antedated January 1, 1919. The only part-time pay roll was for an establishment in Connecticut. The different branches of the industry showed different conditions of activity during the period of the survey. The rubber-shoe industry was dull and stationary, the mechanical rubber goods part of the industry was somewhat more active but about stationary, while the rubber tire industry entered upon a period of rapid expansion immediately after the signing of the armistice.

Silk goods.—The investigation of the manufacture of silk goods was confined to the manufacture of broad silk and narrow or ribbon silk. Silk throwing at the one end, and dyeing and finishing at the other, are both included. The earliest schedule was for the pay-roll period ending September 28, 1918, and the latest for the period ending May 17, 1919. All but four of the schedules fall in the months of December and January. Only one part-time pay roll was included. That was for an establishment located in New Jersey. In that establishment the usual half day on Saturday was not being worked. In several other establishments one or two occupations were working slightly less than full time. The conditions of production of the industry were considerably below normal. There was very little change in that respect during the period covered by the survey.

Typewriters.—In default of a general term to describe the varieties of products included in this group, the name of the most important single one has been applied to the group as a whole. In addition to the manufacture of typewriters, there is included the manufacture of adding machines, computing machines, and cash registers. The earliest schedule covered the pay-roll period ending January 9, 1919, and the latest one the period ending May 17, 1919. Two part-time pay rolls, both for establishments located in Pennsylvania, were included. The industry was expanding with considerable rapidity during the period covered by the survey.

In the following table the information given in some detail by industries in the preceding paragraphs has been brought together and tabulated by States. The data for male and female employees are given separately. Detailed information is added concerning the distribution by months of the pay-roll periods included in the survey of each State. The date used in determining the distribution by months

was the date of the close of the pay-roll period. In the first column of the table appears the number of industries included in each State, in the second the total number of schedules for full-time pay rolls, and in the third the number of schedules for part-time pay-rolls. The remaining columns show by States the number of pay-roll periods ending in each specified month. These facts need to be considered in using the figures of Table 6 as the basis of close comparisons between different States, but broad generalizations are justifiable without regard to these modifying factors in the case of States represented by a considerable number of industries. In general the larger the number of industries in a State the more representative are the figures.

TABLE 4.—NUMBER OF INDUSTRIES, NUMBER OF SCHEDULES FOR FULL-TIME PAY ROLLS AND PART-TIME PAY ROLLS, AND DISTRIBUTION OF PAY ROLLS, BY MONTHS FOR EACH STATE.

MALE EMPLOYEES.

States.	Number of—		Pay-roll periods ending in each specified month.														
	In- dus- tries.	Schedules for— Full-time pay rolls.	Part- time pay rolls.	1918						1919							
				June.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	June.		
Alabama.....	7	30	3							4	8	3	11		6	1	
Arkansas.....	2	10									6	2	2				
California.....	11	77				4	5	2	5	16	6	6	27	9	3		
Colorado.....	4	25							5	1	1	1		18			
Connecticut.....	11	41	2			1	4	5	2	9	9	8	2	2	3		
Delaware.....	4	6	1						1		2	2	2	2			
Florida.....	4	22								8	2	10	2	2			
Georgia.....	9	49				1	1		1	16	1	18	7	4			
Idaho.....	2	6				2				3							
Illinois.....	23	142	17			1		5	1	18	38	39	29	13	15		
Indiana.....	18	84	1					1	1	3	6	36	10	13	14		1
Iowa.....	9	38	12						1	6	6	2	17	9	9		
Kansas.....	2	6	11							4	4		1	12			
Kentucky.....	5	17	19							4	2	1	4	18	7		
Louisiana.....	3	24								12			7	3	2		
Maine.....	4	15	1					1	3			2		5	5		
Maryland.....	13	47	1					1		10	3	11	15	6	1		1
Massachusetts.....	19	117	6					3	3	12	17	41	25	14	8		
Michigan.....	19	95	1					1	2	6	17	20	19	24	7		
Minnesota.....	9	36				2	2			1	5	5	9	7	5		
Mississippi.....	2	10									7	3					
Missouri.....	18	80	11							2	14	33	15	15	12		
Montana.....	2	6				2	2	2									
New Hampshire.....	4	10	3							1	2	3	1	3	3		
New Jersey.....	21	85	2			1	4	3		9	19	16	13	14	7		1
New Mexico.....	1	2	4												6		
New York.....	24	231	7			5	5	4		21	54	48	46	40	13		2
North Carolina.....	7	32	1							1	16	2	10	2	2		
Ohio.....	24	224	5			1	5	1		19	44	57	28	35	38		1
Oklahoma.....	2	6	8								2	2	2	2	8		
Oregon.....	7	24				1	3	1		1	9	2	5	2			
Pennsylvania.....	27	302	6					10	7	66	87	56	51	26	4		1
Rhode Island.....	4	14	1					3		1	7	1	2	1			
South Carolina.....	3	17								1	9		7				
Tennessee.....	12	44	8	1				1	1	7	2	12	13	4	10		1
Texas.....	4	24								6	4			1	13		
Utah.....	1		7											7			
Vermont.....	3	5	1								11	3			3		
Virginia.....	9	32	5						2		11	3	11	6	4		
Washington.....	8	36				1	2	5		4	11		9	8	1		
West Virginia.....	9	37	13				1			1	11	12	8	13	4		
Wisconsin.....	18	96				3	2	2		3	18	14	24	19	11		
Wyoming.....	1	4												4			
All States.....	28	2,208	157		1	1	24	63	47	217	503	452	459	367	223		8

¹ One department only.

TABLE 4.—NUMBER OF INDUSTRIES, NUMBER OF SCHEDULES FOR FULL-TIME PAY ROLLS AND PART-TIME PAY ROLLS, AND DISTRIBUTION OF PAY ROLLS, BY MONTHS FOR EACH STATE—Concluded.

FEMALE EMPLOYEES.

States.	Number of—			Pay-roll periods ending in each specified month.											
	Indus-tries.	Schedules for—		1918						1919					
		Full-time pay rolls.	Part-time pay rolls.	June.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	June.
Alabama.....	1	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
California.....	3	18	.....	.....	.....	.....	.....	.....	.....	2	2	9	5	.....	.....
Connecticut.....	8	23	2	.....	.....	1	1	1	2	6	5	8	1	.....	.....
Delaware.....	2	3	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....
Florida.....	2	11	.....	.....	.....	.....	.....	.....	.....	.....	2	8	1	.....	.....
Georgia.....	4	10	.....	.....	.....	.....	.....	.....	.....	1	1	3	1	4	.....
Illinois.....	15	87	.....	.....	1	.....	.....	1	8	27	13	15	7	15	.....
Indiana.....	12	46	.....	.....	.....	.....	1	.....	1	4	10	6	9	14	1
Iowa.....	4	16	.....	.....	.....	.....	.....	1	.....	2	2	2	2	7	.....
Kansas.....	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Kentucky.....	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	1	.....
Louisiana.....	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....
Maine.....	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....
Maryland.....	6	28	.....	.....	.....	.....	.....	.....	3	2	9	5	4	1	2
Massachusetts.....	15	93	3	.....	.....	.....	1	1	6	10	39	21	11	7	.....
Michigan.....	12	48	1	.....	.....	.....	.....	.....	2	10	9	8	16	3	.....
Minnesota.....	4	18	.....	.....	.....	.....	.....	.....	.....	1	.....	7	5	5	.....
Missouri.....	8	47	.....	.....	.....	.....	.....	.....	1	7	26	4	3	6	.....
New Hampshire.....	2	8	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	3	.....
New Jersey.....	17	58	2	.....	.....	.....	1	1	6	13	15	9	9	5	1
New York.....	19	152	3	.....	.....	5	3	1	10	38	33	34	23	7	1
North Carolina.....	3	7	1	.....	.....	.....	.....	.....	.....	2	.....	2	2	.....	.....
Ohio.....	17	155	.....	.....	.....	.....	2	1	8	29	48	17	31	18	1
Oregon.....	2	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	1	.....	.....
Pennsylvania.....	20	143	2	.....	.....	.....	3	3	19	30	31	37	17	3	2
Rhode Island.....	3	7	.....	.....	.....	.....	1	.....	1	5	.....	.....	.....	.....	.....
Tennessee.....	6	18	1	.....	.....	.....	.....	.....	2	1	4	2	2	6	2
Texas.....	1	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	.....
Vermont.....	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....
Virginia.....	4	11	.....	.....	.....	.....	.....	.....	.....	1	3	2	2	3	.....
Washington.....	2	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	1	1	.....
West Virginia.....	3	15	.....	.....	.....	.....	1	.....	.....	.....	4	5	4	1	.....
Wisconsin.....	11	51	.....	.....	.....	1	.....	.....	1	9	5	13	11	11	.....
All States.....	21	1,106	15	.....	1	7	14	12	72	203	265	230	168	139	10

In tables 5 and 6 are given for all the employees included in the survey the facts as to hours worked and earnings received, as those terms have been defined on pages 13 to 19. In both tables the data are given separately for male and female employees. In Table 5 the employees are grouped by industries, all States being combined, while in Table 6 the same employees are grouped by States with all industries combined. In both tables pay-roll periods of all lengths have been thrown together, as nearly all of the items are so large, and include data from such a variety of pay rolls, that the disturbing effect of a single factor like the length of the pay-roll period is largely eliminated.

Table 3 shows that in 7 of the 28 industries included in the survey no women were employed, or so few as to make their tabulation inadvisable. In three metal-working industries—foundries, iron and

steel, and machine tools—so few women were found that the resulting tabulated data is inadequate to insure typical representation. On the other hand, while there is on the list no industry employing women only, there are six in which the number of females exceeds the number of males. In only one of these, the manufacture of overalls, is the number of men less than 1,000. The 358 employees listed in this industry for the whole country are hardly sufficient in number to justify the use of the resulting tabulation data as typical. Apart from these four items, female employees in the foundry, iron and steel, and machine-tool industries and males in the overalls industry, enough employees are included in every group in the table to make the results fairly representative.

TABLE 5.—AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX OF EMPLOYEES AND BY INDUSTRY.

Sex and Industry.	Num- ber of States em- ploy- ed	Aver- age hours work- ed per week day.	Employees whose average hours worked per week day for the pay-roll period were—										Employees whose earnings per hour worked were—																
			Average earnings per hour worked—										Un- der 20 cts.	20 and over															
			Un- der 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to 12.	12 to over.		Un- der 20 cts.	20 to 30 cts.	30 to 40 cts.	40 to 50 cts.	50 to 60 cts.	60 to 70 cts.	70 to 80 cts.	80 to 90 cts.	90 to \$1.	\$1 and over.	Un- der \$1.25.	\$1.25 to \$1.50.	\$1.50 to \$1.75.	\$1.75 to \$2.	\$2 and over.	
MALES.																													
Automobiles.....	7	17812	8.2	694	365	455	1022	2888	6057	4820	1086	327	98	50	17	1110	4943	5319	3322	1769	803	369	123	6	1	1	1	1	1
Boxes, paper.....	11	1805	8.3	76	37	48	65	148	774	475	126	46	10	384	50	331	630	535	165	94	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brick.....	10	1773	7.7	143	74	109	209	335	140	273	101	34	85	460	50	50	614	545	269	156	68	39	11	21	114	6	7	1	1
Cars.....	14	15606	7.8	1037	600	779	1577	2882	3687	3452	1244	323	25	698	146	1279	2642	2562	2071	2215	1871	1498	63	24	18	11	1	1	1
Chemicals.....	25	28478	8.4	2950	831	1250	1844	3300	6338	4272	1336	2367	456	75	1217	7603	1625	4470	2520	1215	448	63	24	18	11	1	1	1	1
Cigars.....	10	5223	7.8	150	89	238	755	1190	1606	966	207	.....	446	108	817	1422	1242	737	457	257	102	55	26	26	26	26	26	26	26
Clothing, men's.....	9	9926	7.8	286	209	448	776	2796	4868	426	55	13	19	558	12	186	1009	2250	2819	2263	839	282	154	104	6	2	2	2	2
Clothing, women's.....	7	3127	8.1	69	22	35	116	527	1332	460	66	.....	724	.....	25	149	286	521	654	559	297	238	271	100	26	26	26	26	26
Coal.....	1	16216	7.4	1615	625	1047	2083	3383	4199	1372	802	473	617	616	478	822	3312	5703	2072	1141	845	683	756	266	90	30	18	18	18
Anthracite.....	18	40541	5.5	8352	9134	8027	5770	4253	2667	1256	535	215	272	723	36	464	1803	4036	7548	10790	4378	3573	2791	3548	1033	350	128	63	63
Bituminous.....	19	4370	8.7	188	62	99	141	241	1119	1932	366	168	54	359	126	1039	1991	843	247	92	20	12	.....	.....	.....	.....	.....	.....	.....
Confectionery.....	8	4369	7.9	100	70	107	300	1011	1842	844	73	16	6	527	3	260	610	1200	839	636	502	239	53	26	1	1	1	1	1
Electrical machinery.....	28	15340	8.2	686	420	621	1115	2311	4011	3840	1631	441	364	545	2	88	1520	5506	3205	2228	1426	988	237	118	3	1	1	1	1
Foundries.....	13	10615	8.5	540	191	247	366	756	1999	4724	1649	108	35	348	236	2777	4406	4700	607	235	43	11	.....	.....	.....	.....	.....	.....	.....
Furniture.....	9	11738	7.7	1221	697	653	1180	2282	2196	1463	803	452	791	502	130	1111	4257	2530	672	616	770	491	453	533	125	50	50	50	50
Glass.....	15	2607	7.7	123	81	300	171	275	935	524	166	22	10	467	57	281	641	588	556	285	119	80	.....	.....	.....	.....	.....	.....	.....
Hosiery and under- wear.....	15	31588	7.8	5968	1910	1946	3685	2776	2450	2599	2525	222	10	467	57	281	641	588	556	285	119	80	.....	.....	.....	.....	.....	.....	.....
Iron and steel.....	15	31588	7.8	5968	1910	1946	3685	2776	2450	2599	2525	222	10	467	57	281	641	588	556	285	119	80	.....	.....	.....	.....	.....	.....	.....
Leather.....	9	7920	8.1	434	194	258	597	830	3174	1238	989	147	59	521	168	1267	2498	2061	937	599	262	79	47	2	2	2	2	2	2
Lumber.....	21	7330	6.0	2294	506	579	564	859	941	603	828	114	42	434	152	1336	1688	1542	1246	1048	126	126	.....	.....	.....	.....	.....	.....	.....
Machine shops.....	22	18022	7.2	3157	756	1076	1413	2234	3036	2503	3330	347	170	338	617	5118	6396	2702	2619	370	61	75	18	33	8	8	8	8	8
Machine tools.....	11	7817	8.6	338	151	248	898	571	1768	3063	1022	318	40	542	36	850	2761	2057	1114	490	226	140	135	17	1	1	1	1	1
Other machinery.....	27	13321	8.2	666	339	470	822	2097	5286	3491	1081	461	298	599	6	1535	4281	3188	2362	1769	1131	351	185	31	10	1	1	1	1
Millwork.....	13	5154	8.1	271	100	118	198	869	1607	1465	471	22	13	401	49	976	1524	1461	741	271	127	5	.....	.....	.....	.....	.....	.....	.....
Overalls.....	19	338	7.1	15	14	30	46	142	98	8	3	1	1	583	1	10	36	62	53	118	37	12	7	1	1	1	1	1	1
Paper and pulp.....	14	6379	8.6	188	114	152	261	457	2787	1263	532	281	444	490	70	782	3255	1291	556	280	145	103	138	23	5	5	5	5	5
Printers.....	4	2142	7.1	134	125	241	415	668	490	197	72	.....	72	816	12	76	224	378	362	255	266	240	163	138	23	5	5	5	5
Putty.....	9	15134	8.2	365	378	726	1741	2682	4021	3079	1455	415	272	497	31	203	2854	4009	2543	2178	1500	781	524	477	58	6	6	6	6
Rubber.....	7	3755	8.0	195	109	103	176	460	1094	816	152	23	27	456	32	615	1909	724	327	59	24	.....	.....	.....	.....	.....	.....	.....	.....
Silk.....	10	8870	8.6	198	110	173	474	685	2969	3199	889	215	58	496	5	323	2055	2439	1782	1228	818	201	14	5	.....	.....	.....	.....	.....
Typewriters.....	43	318946	7.6	32423	18333	20483	28190	41768	74273	56709	26531	8570	11676	561	1715	18394	61567	90689	60718	41551	23698	15152	9487	10646	3225	1313	575	575	575
Total.....	43	318946	7.6	32423	18333	20483	28190	41768	74273	56709	26531	8570	11676	561	1715	18394	61567	90689	60718	41551	23698	15152	9487	10646	3225	1313	575	575	575

TABLE 5.—AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX OF EMPLOYEES AND BY INDUSTRY—Continued.

Sex and industry.	Num-ber of States employ-ees.	Average hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Average earnings per hour worked.	Employees whose earnings per hour worked were—											
			Un-der 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to 12.	12 and over.	16 cts.	20 cts.		25 cts.	30 cts.	40 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1 and under \$1.25.	\$1.25 and over.		
FEMALES.																											
Automobiles.....	7	622	7.8	28	15	26	44	133	252	122	2	2	\$0.380	10	27	47	309	188	43	16	2						
Boxes, paper.....	10	497	7.3	273	111	135	355	711	2392	227	23	1	.292	315	944	1359	718	115	11	1							
Chemicals.....	16	710	7.6	40	32	26	62	192	262	76	18	1	.272	20	162	78	133	37	2								
Clothing, men's.....	10	11278	7.6	567	345	541	1330	2733	8506	2163	91	1	.338	740	1055	1650	1862	3020	2207	723	148	38	1	3	1		
Clothing, women's.....	9	9725	7.3	408	254	595	1227	2655	4363	204	12	7	.338	186	556	1184	1864	3400	1789	512	170	45	13	5	1		
Confectionery.....	7	6782	7.4	303	190	289	638	2153	3000	155	2		.368	169	336	1040	1119	1997	1017	584	236	121	163				
Electrical machinery.....	19	11176	7.4	874	459	562	1266	2591	3635	1795	1		.231	1369	2648	3675	1715	1408	271	53	21	9	7	1			
Foundries.....	8	1618	7.6	50	31	49	140	481	733	134			.322	12	94	291	419	478	190	96	30	5	2	1			
Furniture.....	11	83	7.1		5	8	15	43	6	6			.333	1	21	9	31	13	8								
Glass.....	12	915	8.1	46	25	29	50	114	243	330	78		.214	130	186	356	190	43	8								
Hosiery and under- wear.....	9	1908	7.3	173	85	114	202	353	646	391	37	2	.231	204	484	551	340	302	19	2	1						
Iron and steel.....	15	13374	7.6	524	355	1040	1247	2453	4990	2505	260		.286	670	1310	2937	3042	4090	1122	183	16	1	3				
Leather.....	2	159	8.1	21	14	10	53	60	1				.419			4			39	107	5	2	1	1			
Machine tools.....	8	1054	6.9	93	65	147	87	120	489	51	2		.317	16	14	132	254	468	123	32	15						
Overalls.....	6	154	7.7	4	2	8	14	31	89	6			.345				13	96	26	6							
Paper and pulp.....	19	6439	6.7	283	357	713	1493	2415	1138	40			.305	387	560	1102	1349	1920	838	204	63	12	2	2			
Pottery.....	14	1947	8.0	45	52	54	128	264	863	531	9	1	.278	34	61	403	934	459	43	11							
Rubber.....	4	1115	8.0	80	67	85	242	365	241	33	2		.324	5	80	196	298	325	156	58	17	6	1	2	1		
Silk.....	9	3420	7.6	76	80	179	541	940	637	3			.326			168	584	723	1370	385	145	40	12	3			
Typewriters.....	7	5608	7.8	219	169	140	440	1073	2359	1189	6	13	.335	110	333	996	1072	1613	863	445	139	26	11				
	10	3433	7.8	177	62	89	319	395	1714	520	157		.300	17	152	546	1225	1068	349	53	2						
Total.....	32	83512	7.5	4284	2775	4829	9943	20261	31805	11187	703	11	.301	4384	9144	17143	17246	23455	9846	3,176	917	278	207	13	3		

The grouping of employees by States in Table 6 gives somewhat more uneven results. As the survey was planned primarily by industries and not by States, different States are represented by very unequal numbers of industries. As may be seen from an examination of the table, there were 5 States in which no schedules were taken. In the tabulation of male employees, 3 States are represented by one industry, 6 by two industries, 3 by three industries, and 7 by four industries; that is, out of the 43 States listed, 19 are represented by less than five industries each. In the section of the table devoted to female employees figures are given only for 33 States, since in the remaining 10 States no women were found in any number in the industries studied. Of these 33 States, 6 are represented by one industry, 6 by two industries, 3 by three industries, and 4 by four industries, or a total of 19 States, which are represented by fewer than five industries each.

In using the figures relating to States represented by a small number of industries it is essential that due attention should be paid to the particular industries involved and the conditions under which they were operating at the time of the survey. By reference to Table 3 it is possible to ascertain what industries are included in each State, and from Table 5 what the general condition of hours and earnings in each industry was. At the same time the fact that a State is represented by a small number of industries is itself an indication of the small part that manufacturing plays in the industrial life of that State. The figures in the table are indicative of conditions in the State so far as the kind of industries included in the survey is concerned; but because by far the larger part of the industrial life of the State is outside the range of the present survey it can not be claimed that the figures represent general industrial conditions in the State. The predominantly manufacturing States of the East and Middle West, on the other hand, are represented by such large numbers of industries and employees that no hesitation need be felt in using the figures for those States as typical of general industrial conditions.

TABLE 6.—AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX OF EMPLOYEES AND BY STATE.

Sex and State.	Num-ber of in-dus-tries.	Num-ber of em-ploy-ees.	Employees whose average hours worked per week day for the pay-roll period were—										Average hours worked per week.	Employees whose earnings per hour worked were—													
			Un-der 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to 12.	12 and over.		Un-der 20 cts.	20 to 30 cts.	30 to 40 cts.	40 to 50 cts.	50 to 60 cts.	60 to 70 cts.	70 to 80 cts.	80 to 90 cts.	90 to \$1.	\$1 and un-der \$1.25.	\$1.25 and un-der \$1.50.	\$1.50 and un-der \$2.	\$2 and over.	
MALES.																											
Alabama.....	7	4020	513	307	391	502	450	593	326	600	328	490	\$0.423	107	1293	1852	838	348	221	257	132	56	75	27	9	5	10
Arkansas.....	2	1190	177	40	69	111	110	203	221	253	18	8	.390	1	617	522	324	7	2	2	12	132	56	75	27	9	5
California.....	11	6051	708	681	551	495	1075	2100	681	258	113	76	.577	2	69	462	1197	1288	479	364	368	127	114	30	60	36	63
Colorado.....	4	4396	990	681	511	555	624	613	369	75	21	17	.639	5	50	163	2197	611	1080	409	281	212	272	70	26	7	13
Connecticut.....	11	5465	150	101	102	258	525	1996	1740	464	89	40	.609	6	179	1375	1519	1118	518	323	160	120	131	15	1		
Delaware.....	4	962	69	49	83	73	112	386	154	28	5	6	.396	1	6	65	218	231	171	94	139	12	3				
Florida.....	4	3395	207	79	125	257	440	901	796	435	57	38	.336	213	1308	1055	452	199	96	43	23	2	2				
Georgia.....	9	3038	553	88	216	300	187	321	583	608	103	107	.306	322	882	1373	339	71	42	33	5	1					
Illinois.....	23	28074	322	108	64	45	134	131	13	4	1	1	.510	39	496	3341	7493	5325	4033	2110	1352	1413	1376	368	132	47	69
Indiana.....	18	17241	2337	2339	2200	2990	3382	708	4609	1761	549	379	.623	39	1008	2767	3700	2268	2475	1579	1116	729	999	235	136	90	140
Iowa.....	9	4501	713	1794	1334	1120	1432	1652	2680	3504	2140	658	.627	615	89	1008	2767	3700	2268	2475	1579	1116	729	999	235	136	90
Kansas.....	2	2310	430	512	662	265	407	444	1699	522	79	81	.538	13	202	712	1171	707	749	432	242	117	117	17	8	2	
Kentucky.....	5	4071	6	809	596	493	573	439	383	37	33	16	.703	3	36	152	389	297	549	193	172	218	76	25	8	1	
Louisiana.....	3	3604	8	265	44	130	212	179	696	315	1516	66	.356	93	803	2102	173	113	149	92	64	2	11				
Maine.....	13	4439	27	20	41	67	110	62	808	276	122	29	.471	15	623	869	443	180	74	16	2						
Maryland.....	19	14108	342	348	376	346	702	1371	590	93	335	148	.584	67	207	403	1027	873	996	283	181	136	181	45	9	10	1
Massachusetts.....	19	16138	8	420	249	630	1029	2631	4810	2571	1078	335	.446	9	315	3028	4507	2777	1800	1000	440	131	89	10	2		
Michigan.....	9	3239	8	411	106	108	137	385	899	678	520	52	.341	8	739	2544	4071	8445	2834	1088	767	333	175	3	1		
Minnesota.....	2	1490	7	320	81	121	143	201	247	179	130	25	.308	6	431	983	406	10	4	1	9	31	46	8	1		
Mississippi.....	13	7199	7	570	554	428	396	665	1778	2125	152	44	.541	30	466	1649	1329	1083	1287	717	369	137	90	13	7	2	
Missouri.....	2	914	6	236	44	69	61	123	228	143	9	2	.468	4	1	621	222	57	4	2	3						
Montana.....	4	669	15	13	134	63	40	227	145	24	12	29	.462	4	25	146	270	154	70	24							
New Hampshire.....	21	11699	8	648	372	459	773	1701	3453	2551	815	340	.587	11	223	1661	4445	2038	1476	972	443	214	180	27	5		
New Jersey.....	1	1131	9	139	197	269	162	177	119	47	18	3	.671	4	27	70	145	135	394	108	96	68	16	5	5		
New Mexico.....	2	21955	8	890	510	663	1501	3996	8249	4152	1735	539	.694	6	915	3106	6184	4839	3020	2101	786	290	382	126	30	19	32
New York.....	24	30395	380	87	189	251	316	403	576	435	72	71	.325	105	883	1095	723	41	16	5	1						
North Carolina.....	9	2840	2367	1165	1821	3319	4578	7589	5886	1667	612	1304	.622	47	17	71	229	456	428	161	55	50	63	30	10	2	204
Ohio.....	2	3395	7	183	182	195	143	184	428	49	33	35	.635	1	11	590	1477	434	177	278	42	29	7				
Oklahoma.....	2	3035	7	183	182	195	143	184	428	49	33	35	.635	1	11	590	1477	434	177	278	42	29	7				
Oregon.....	2	3035	7	183	182	195	143	184	428	49	33	35	.635	1	11	590	1477	434	177	278	42	29	7				
Pennsylvania.....	27	62432	7189	4199	4956	6811	9040	11800	9017	3628	2202	4570	.643	126	1710	4847	14213	8783	5569	3922	2891	3491	1277	490	206	256	
Rhode Island.....	4	2540	77	53	56	80	155	443	1327	291	41	15	.493	5	22	355	925	842	328	48	13						

3	2721	7.8	479	74	224	185	185	288	415	661	91	119	.303	95	1018	1159	417	15	9	6	2	61	61	18	5	2	3
12	5248	7.1	845	469	456	421	713	551	1010	360	98	203	.409	62	1030	2004	1022	400	219	164	131	51	51	18	5	2	3
4	2267	7.2	345	106	115	196	253	551	508	93	20	20	.439	1	236	383	313	343	233	161	71	72	103	38	17	7	2
1	857	8.4	194	214	116	146	27	130	42	2	12	16	.818	...	3	6	13	12	282	118	79	72	103	38	17	7	2
3	366	8.4	591	238	288	377	322	374	555	341	168	247	.431	59	606	1250	974	273	102	82	53	38	58	6	5	1	...
9	3511	7.4	591	238	288	377	322	374	555	341	168	247	.431	59	606	1250	974	273	102	82	53	38	58	6	5	1	...
8	4779	6.0	1285	250	250	476	1152	997	246	18	27	18	.604	...	1	22	823	1866	1243	230	323	88	94	11	11	...	4
9	1004	7.0	1232	635	860	834	759	872	672	534	234	332	.639	9	251	1200	1866	1009	499	490	425	435	414	230	83	36	53
13	13357	8.7	724	313	338	500	998	2861	3758	2729	777	339	.472	77	1389	3023	3738	2734	1249	637	270	133	58	10	12	2	1
1	423	4.9	134	100	68	42	37	26	12	2	2	...	.852	...	...	1	4	47	153	30	36	35	75	27	12	1	...
Total.....		7.6	32423	18333	20483	26180	41768	74773	56709	26531	8570	11676	.561	1715	18364	51557	30089	60718	41551	23689	15152	9487	10646	3225	1313	575	865
Per cent of total.....		10	6	6	9	13	23	18	8	3	4	.....	1	6	16	25	19	13	7	5	3	3	1	(1)	(1)	(1)	(1)

1 Less than one-half of 1 per cent.

TABLE 6.—AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX OF EMPLOYEES AND BY STATE—Continued.

Sex and State.	Num-ber of in-dus-tries.	Num-ber of em-ploy-ees.	Average hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—										Average earnings per hour worked.	Un-der 16 cts.	16 and 20 cts.	20 25 cts.	25 30 cts.	30 40 cts.	40 50 cts.	50 60 cts.	60 70 cts.	70 80 cts.	80 90 cts.	90 cts. and un-der \$1.	\$1 and un-der \$1.25.	\$1.25 and \$1.50.	\$1.50 and over.															
				day for the pay-roll period were—																																							
				Un-der 4.	4 5.	5 6.	6 7.	7 8.	8 9.	9 10.	10 11.	11 12.	12 and over.																														
FEMALES.																																											
Alabama.....	1	6	5.7	2	1	1	1	1	1	1	1	1	1	\$0.290	21	171	324	208	5	240	79	14	4	1	5	1	1	1	1														
California.....	3	1086	7.2	40	28	50	147	330	461	530	530	530	530	370	29	199	642	862	1114	240	79	14	4	1	5	1	1	1	1														
Connecticut.....	8	3188	7.8	123	101	187	466	628	1124	530	530	530	530	312	312	16	83	562	210	2498	3745	1269	475	122	31	11	5	1	1														
Delaware.....	2	385	5.8	54	40	128	13	10	354	41	13	13	13	318	98	320	633	762	1160	780	248	76	22	2	2	2	2	2	2														
Florida.....	2	860	7.3	28	17	39	73	173	354	143	13	13	13	326	80	199	381	612	841	198	20	3	1	1	1	1	1	1	1														
Georgia.....	4	613	7.6	30	15	29	98	114	186	81	60	60	60	249	249	80	168	135	112	121	34	57	12	1	1	1	1	1	1														
Illinois.....	15	8232	7.5	414	193	357	823	2069	3783	181	159	159	159	235	215	500	1628	1891	2396	1106	437	173	57	23	5	1	1	1	1														
Indiana.....	12	4117	7.7	173	177	194	419	910	1227	863	151	1	1	240	240	654	708	1023	851	727	129	22	3	1	1	1	1	1	1														
Iowa.....	4	466	7.1	37	20	47	44	143	147	28	15	15	15	208	20	92	123	102	106	20	5	1	1	1	1	1	1	1	1														
Kansas.....	1	151	6.8	6	9	3	25	108	3	3	3	3	3	141	183	26	20	1	1	1	1	1	1	1	1	1	1	1	1														
Kentucky.....	2	240	8.0	35	3	17	11	7	1	1	1	1	1	178	183	26	20	1	1	1	1	1	1	1	1	1	1	1	1														
Louisiana.....	1	67	8.1	2	1	1	3	1	1	1	1	1	1	136	183	26	20	1	1	1	1	1	1	1	1	1	1	1	1														
Maine.....	1	262	5.4	1	1	1	1	1	1	1	1	1	1	308	229	11	4	3	149	109	1	1	1	1	1	1	1	1	1														
Maryland.....	1	943	7.0	169	114	212	322	633	792	167	6	6	6	318	318	83	562	210	2498	3745	1269	475	122	31	11	5	1	1	1														
Massachusetts.....	15	10349	7.4	370	236	571	1229	3409	4089	645	5	5	5	318	318	83	562	210	2498	3745	1269	475	122	31	11	5	1	1	1														
Michigan.....	12	4111	7.2	289	203	371	510	1103	1187	532	2	2	2	326	326	80	199	381	612	841	198	20	3	1	1	1	1	1	1														
Minnesota.....	4	2335	7.4	123	53	112	235	609	1169	37	2	2	2	246	246	86	524	826	470	457	143	28	4	2	3	1	1	1	1														
Missouri.....	4	2813	7.4	168	91	100	347	452	1407	268	1	1	1	324	324	80	199	381	612	841	198	20	3	1	1	1	1	1	1														
New Hampshire.....	17	3055	7.5	121	19	125	87	107	166	157	28	12	12	327	319	1239	2343	2771	3821	1938	683	7	1	1	1	1	1	1	1														
New Jersey.....	19	13522	7.5	581	374	637	1357	2928	5762	1446	10	7	7	327	319	1239	2343	2771	3821	1938	683	7	1	1	1	1	1	1	1														
New York.....	17	7939	7.2	449	320	447	1047	1921	3570	885	4	4	4	328	328	82	119	764	144	226	24	3	1	1	1	1	1	1	1														
North Carolina.....	17	7939	7.2	449	320	447	1047	1921	3570	885	4	4	4	328	328	82	119	764	144	226	24	3	1	1	1	1	1	1	1														
Ohio.....	20	10160	7.3	534	327	488	1108	1779	3376	2944	12	12	12	329	329	82	119	764	144	226	24	3	1	1	1	1	1	1	1														
Oregon.....	20	10160	7.3	534	327	488	1108	1779	3376	2944	12	12	12	329	329	82	119	764	144	226	24	3	1	1	1	1	1	1	1														
Pennsylvania.....	3	1211	6.8	24	37	6	23	61	180	573	1	1	1	374	374	606	1587	2083	1774	2483	1198	335	7	22	16	1	1	1	1														
Rhode Island.....	6	1399	7.9	24	41	78	143	431	826	526	1	1	1	374	374	606	1587	2083	1774	2483	1198	335	7	22	16	1	1	1	1														
Tennessee.....	1	370	6.4	21	19	22	112	167	12	2	2	2	2	322	313	364	426	269	170	27	5	2	1	1	1	1	1	1	1														
Texas.....	1	370	6.4	21	19	22	112	167	12	2	2	2	2	322	313	364	426	269	170	27	5	2	1	1	1	1	1	1	1														
Vermont.....	1	174	7.3	1	1	1	1	1	1	1	1	1	1	320	102	112	268	174	245	128	31	19	4	1	1	1	1	1	1														
Virginia.....	4	1074	7.4	48	32	30	112	548	74	280	1	1	1	326	102	112	268	174	245	128	31	19	4	1	1	1	1	1	1														
Washington.....	2	130	7.2	2	2	3	32	70	18	100	28	1	1	326	102	112	268	174	245	128	31	19	4	1	1	1	1	1	1														
West Virginia.....	3	680	7.0	84	40	61	86	154	127	100	28	1	1	294	254	405	708	714	626	170	38	10	2	1	1	1	1	1	1														
Wisconsin.....	11	2821	7.9	130	90	135	256	407	896	947	1	1	1	294	254	405	708	714	626	170	38	10	2	1	1	1	1	1	1														
Total.....	21	88312	7.8	4284	2775	4828	9943	20261	31905	11187	703	11	14	301	4384	9141	17143	17246	23455	9846	3176	917	278	207	13	3	(1)	(1)	(1)														
Per cent of total.....				5	3	6	12	24	37	13	1	(1)	(1)	.....	5	11	20	20	27	11	4	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)													

Less than one-half of 1 per cent.

GENERAL TABLE.

The information concerning hours and wages summarized by industries in Table 5 and by States in Table 6 is presented in detail in the following general table. In this table the industries follow one another in alphabetical order. Under each industry are listed alphabetically the occupations included in the survey, and under each occupation the States for which data concerning that occupation were tabulated. In some industries the choice of occupation terms presented difficulties either because of the lack of any specific term in general use or because the same occupation was known by different names in different parts of the country. In other instances employees carrying on essentially the same kind of work and receiving practically the same scale of earnings have been grouped together under one common term, in spite of the fact that they have distinctive names in the industrial world. A detailed statement of the principles governing the selection of occupation terms and the meaning of each term as used in this report would be too long to include in the present volume. The subject will be fully treated in later volumes dealing with the several industries separately. For the great majority of the occupations, however, the terms are here used as they are commonly known and understood in the industrial world.

In these tables the information is presented separately for payroll periods of different lengths. For reasons that have been developed in detail in the earlier part of this report, close comparisons between the hours of different occupations or localities should be made only on the basis of payroll periods of approximately the same length—one-week pay rolls with one-week pay rolls and so on. In general no generalizations or comparisons should be made on the basis of the figures given in the table without constant reference to the limitations under which they may properly be used, as pointed out in the preceding pages.

BACK HANGERS AND TRIMMERS (TRIM SHOP).

[illegible]

BENCH HANDS (MACHINE SHOP).

	No.	1	2	3	4	5	6	7	8	9	10	11	12	Total	%	Average
One week:																
Indiana.....	3	45	7.7	3	1	4	33							\$0.404	21	19
Michigan.....	2	62	7.9	2	1	8	17	20	6	7				.629	1	15
New York.....	3	108	7.9	3		5	5	10	5					.477	2	41
Ohio.....	2	56	7.7			4	32	14	5					.460	1	33
Pennsylvania.....	2	13	7.8	2	1	1		8						.435	4	45
Other States.....	1	8	6.9	1	1									.426	1	2
Total.....	13	292	7.8	11	4	22	58	149	29	12	1			.492	4	32
Two weeks and one-half month:																
Michigan.....	5	309	8.5	15	6	14	40	97	77	26	21			.587	5	25
Ohio.....	2	161	8.5	2		4	17	35	98					.542	8	11
Wisconsin.....	4	40	8.8		5	1	23	2	6	3				.552	8	7
Total.....	11	509	8.5	17	12	4	19	58	158	177	32	24	8	.570	13	40
Grand total.....	24	801	8.3	28	16	10	41	116	307	206	44	25	8	.541	4	45

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver-age hours work-ed per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour work-ed.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			Un-der 4.													Un-der 35 cts.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			4 5.	5 6.	6 7.	7 8.	8 9.	9 10.	10 11.	11 12.	12 der over.	35 40	40 45	45 50		50 55	55 60	60 65	65 70	70 75	75 80	80 90	90 der	\$1 and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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BLACKSMITHS.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			day for the pay-roll period were—													Un-der 35 cts.	35 and 40 cts.	40 and 45 cts.	45 and 50 cts.	50 and 55 cts.	55 and 60 cts.	60 and 65 cts.	65 and 70 cts.	70 and 75 cts.	75 and 80 cts.	80 and 90 cts.	90 cts. and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			Un-der 4.	4 and 5.	5 and 6.	6 and 7.	7 and 8.	8 and 9.	9 and 10.	10 and 11.	11 and 12.	12 and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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BORING MILL HANDS AND OPERATORS (MACHINE SHOP).

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—												
			day for the pay-roll period were—													per hour worked were—												
			Un-der 4.	4 5.	5 6.	6 7.	7 8.	8 9.	9 10.	10 11.	11 12.	12 and over.	Un-der 35 cts.	35 40 cts.		40 45 cts.	45 50 cts.	50 55 cts.	55 60 cts.	60 65 cts.	65 70 cts.	70 75 cts.	75 80 cts.	80 90 cts.	90 and over.			
COLOR AND FINISH VARNISHERS (PAINT SHOP).																												
One week:																												
Illinois.....	2	21	8.4	1	1	1	2	16	2	1			\$0.727							2	2	3	3	3	3	3	4	2
Indiana.....	3	25	8.6	1	1	1	2	12	7	1			.515					1	4	13	2	1					2	
Michigan.....	2	18	7.9				1	5	9	1			.903								2	3	3	1			1	11
New York.....	3	23	8.1				1	2	18	2			.607					1	4	1	6							
Ohio.....	3	59	7.7	2	1	8	24	14	6	4			.761					1	2	3	1	6	4	10	4	10	13	5
Pennsylvania.....	2	25	9.2					1	22	1			.486					6	5	14								
Total.....	15	171	8.2	3	2	3	12	34	70	40	7		.593					2	13	25	21	15	12	15	11	9	16	16
Two weeks and one-half month:																												
Michigan.....	6	44	8.2	3			4	19	5	8	1		.774							3	1	6	4	3	2	4	7	8
Ohio.....	2	44	9.0				2	1	6	31	3	1	.697								1	8	25	7	2	1		
Wisconsin.....	3	40	8.9	3	3	1	1	2	10	15	1	3	.960								2	2	2	1		4	11	8
Total.....	10	128	8.7	6	3	1	7	6	27	46	26	3	.750								4	16	30	11	4	9	18	15
Grand total.....	25	299	8.4	9	5	4	19	40	97	86	33	3	.661					2	13	30	25	31	42	26	15	18	34	32
CUSHION BUILDERS (TRIM SHOP).																												
One week:																												
Illinois.....	2	3	8.5					3					\$0.765															2
Indiana.....	3	12	7.0	1	1	1	1	4	3	1			.411					3	6									
Other States.....	3	38	7.6	1			4	18	11	3	1		.756														8	17
Total.....	8	53	7.5	2	1	1	5	22	17	4	1		.664					3	8	9	1	3		1		3	10	5

[illegible]

CUTTERS (TRIM SHOP).

[illegible]

DRILL PRESS HANDS AND OPERATORS.

One week:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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FINAL ASSEMBLERS, INCLUDING BODY ASSEMBLERS AND WIREMEN.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
 OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued

MALES—Continued.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked ed.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			Un-der 4.													35 cts.	40 cts.	45 cts.	50 cts.	55 cts.	60 cts.	65 cts.	70 cts.	75 cts.	80 cts.	90 cts.	\$1 and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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LATHE HANDS AND OPERATORS.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Num-ber of em-ploy-ees.	Employees whose average hours worked per week day for the pay-roll period were—										Average earnings per hour worked.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
			Average hours worked per week day.											Un-der 35 cts.	35 and under 40 cts.	40 and under 45 cts.	45 and under 50 cts.	50 and under 55 cts.	55 and under 60 cts.	60 and under 65 cts.	65 and under 70 cts.	70 and under 75 cts.	75 and under 80 cts.	80 and under 90 cts.	90 and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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CUSHION BUILDERS (TRIM SHOP).

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Num-ber of employ-ees.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Employees whose earnings per hour worked were—													
				Un-der 4.												Un-der 35 cts.													
				4.	5.	6.	7.	8.	9.	10.	11.	12.	11.	12.	12.	35 cts.	40 cts.	45 cts.	50 cts.	55 cts.	60 cts.	65 cts.	70 cts.	75 cts.	80 cts.	85 cts.	90 cts.	95 cts.	1.00
One week:																													
Illinois.....	3	79	8.0	4	7	3	4	62	2	1						1	26	17	7		4	2	8	6	6	2			
Indiana.....	3	60	7.4	4	7	5	10	22	9	3						12	35	5	2										
Michigan.....	2	153	7.1	7	5	49	70	19	3							24	30	36	43	19	5	1							
New York.....	4	142	7.4	11	3	3	1	23	91	9	1					4	25	24	8	6	65	8							
Ohio.....	3	125	7.6	2	2	2	5	57	51	2						3	63	30	2	6	7	10	2						
Pennsylvania.....	2	56	8.8				3	2	5	35	2	1				24	13	9	9										
Total.....	17	620	7.6	28	17	16	69	169	250	63	7	1				8	186	115	64	55	95	26	11	6	8	2			
Two weeks and one-half month:																													
Michigan.....	6	284	8.0	16	7	15	39	113	77	6	4						7	24	39	83	66	24	28	5	6	1	1		
Ohio.....	2	127	8.5	3	1	2	7	24	85							3	11	48	50	8	2	5							
Wisconsin.....	5	145	8.7	5	6	1	4	8	22	82	17					6	29	23	8	20	23	21							
Total.....	13	556	8.3	26	16	9	54	159	244	23	4					1	39	68	95	153	97	47	41	6	8	1	1		
Grand total.....	30	1,176	7.9	54	33	25	90	223	409	307	30	5				9	225	173	159	208	192	73	52	12	16	3	1		

FINAL ASSEMBLERS, INCLUDING BODY ASSEMBLERS AND WIREMEN.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Num-ber of employ-ees.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—												
				Aver- age hours worked per week day for the pay-roll period were—													Un-der 35 cts.	35 and under 40 cts.	40 and under 45 cts.	45 and under 50 cts.	50 and under 55 cts.	55 and under 60 cts.	60 and under 65 cts.	65 and under 70 cts.	70 and under 75 cts.	75 and under 80 cts.	80 and under 90 cts.	90 and over.	\$1. and over.
				Un-der 4.	4 and under 5.	5 and under 6.	6 and under 7.	7 and under 8.	8 and under 9.	9 and under 10.	10 and under 11.	11 and under 12.	12 and over.																
GRINDING MACHINE HANDS AND OPERATORS.																													
One week:																													
Indiana.....	3	80	8.4	6	3	2	6	14	18	17	18	4	2	\$0.519	9	9	12	10	14	8	8	6	6	2	4	3	1		
Michigan.....	2	128	7.9	2	3	9	17	23	40	22	10	1	2	.609	1	1	3	16	21	11	11	10	11	9	19	12	3		
New York.....	2	90	8.0	1	1	4	2	8	63	6	4	1	2	.607			2	12	5	14	21	23	6	3	4				
Ohio.....	3	77	7.6	1	1	1	7	39	27	2	2	1	1	.604			1	5	9	46	9	3	2	2					
Pennsylvania.....	2	24	8.1	1	1	1	1	3	5	13				.501			3	4	5	4	1	1	1						
Other States.....	1	9	8.6						6					.667			2	1	1	2									
Total.....	13	406	8.0	10	6	17	34	87	166	60	32	5	2	.586	10	14	28	63	91	44	39	42	34	17	27	15	4		
Two weeks and one-half month:																													
Michigan.....	7	269	8.0	16	10	5	16	52	78	53	23	6		.935	1	5	16	25	32	80	80	29	32	9	31	5	2		
Ohio.....	2	153	8.5	3	4		3	10	34	99				.676				6	72	36	16	19	3		1				
Wisconsin.....	4	91	8.7	1	2	1	4	7	29	23	22	2		.680			6	3	8	14	15	10	12	7	6	4	3	3	
Total.....	13	503	8.3	30	16	6	23	69	141	175	45	8		.612	1	11	19	39	119	81	76	60	33	15	36	8	5		
Grand total.....	26	911	8.1	30	21	23	57	166	297	335	77	13	2	.601	11	25	47	92	210	125	115	102	57	32	63	8	9		

GRINDING MACHINE HANDS AND OPERATORS.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—											
			Employees whose average hours worked per week day for the pay-roll period were—													Employees whose earnings per hour worked were—											
			Un-der 4.	4 5.	5 6.	6 7.	7 8.	8 9.	9 10.	10 11.	11 12.	12 over.	Un-der 35 cts.	35 40 cts.		40 45 cts.	45 50 cts.	50 55 cts.	55 60 cts.	60 65 cts.	65 70 cts.	70 75 cts.	75 80 cts.	80 90 cts.	90 and over.		
One week:	2	22	8.5	6	2	1	1	20	21	28	11	3	\$0.510	7	24	18	10	3	2	2	2	1	1	1	1		
Illinois.....	3	120	8.8	6	2	1	1	14	36	12	10	4	.492	7	24	18	28	9	11	6	2	2	5	6	4		
Indiana.....	2	143	8.0	6	3	1	1	17	27	10	4	3	.673	7	24	2	10	15	20	21	25	9	14	15	8		
Michigan.....	3	127	7.9	6	3	2	1	11	90	5	9	1	.611	7	24	6	10	2	27	30	22	27	2	1	1		
New York.....	3	96	7.8	6	2	2	1	10	25	50	9	1	.514	7	24	1	4	25	44	15	4	1	1	1	1		
Ohio.....	2	92	8.7	1	2	3	12	8	65	1	1	1	.479	6	13	24	13	14	6	5	7	1	2	1	1		
Pennsylvania.....	15	600	8.2	19	4	12	35	90	261	112	48	16	3	.568	13	38	58	96	87	81	67	57	43	25	22		
Total.....	7	402	8.0	24	11	10	29	66	133	104	16	7	2	.647	1	1	19	33	49	53	66	55	44	24	26		
Two weeks and one-half month:	2	304	8.4	5	10	6	2	28	65	188	1	1	.584	1	1	4	13	43	120	80	40	4	4	2	1		
Michigan.....	5	176	8.7	8	5	2	7	18	46	47	36	6	1	.598	1	1	9	12	28	19	23	25	22	7	9		
Wisconsin.....	14	882	8.3	37	26	18	38	112	244	339	52	13	3	.616	1	10	42	58	120	192	169	120	70	31	35		
Total.....	29	1,482	8.3	56	30	30	73	202	505	451	100	29	6	.594	14	48	100	164	207	273	236	177	113	56	57		
Grand total.....	29	1,482	8.3	56	30	30	73	202	505	451	100	29	6	.594	14	48	100	164	207	273	236	177	113	56	57		

LATHE HANDS AND OPERATORS.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—											
			Employees whose average hours worked per week day for the pay-roll period were—													Employees whose earnings per hour worked were—											
			Un-der 4.	4 and 5.	5 and 6.	6 and 7.	7 and 8.	8 and 9.	9 and 10.	10 and 11.	11 and 12.	12 and over.	Un-der 35 cts.	35 and 40 cts.		40 and 45 cts.	45 and 50 cts.	50 and 55 cts.	55 and 60 cts.	60 and 65 cts.	65 and 70 cts.	70 and 75 cts.	75 and 80 cts.	80 and 90 cts.	\$1 and over.		
One week:																											
Illinois.....	3	19	8.6	.....	.....	.....	.....	1	17	1	.....	.....	\$0.402	5	17	13	5	6	1	2	.....	.....	.....	.....	.....
Indiana.....	3	66	8.7	.....	.....	.....	.....	5	7	19	23	5	6	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan.....	2	55	7.7	4	2	3	7	7	20	4	6	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York.....	3	45	8.3	.....	.....	.....	.....	2	3	32	2	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio.....	3	104	7.4	3	1	3	10	42	39	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania.....	2	35	8.5	3	.....	.....	.....	1	1	2	27	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	16	324	8.1	11	3	6	25	61	129	63	17	6	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Two weeks and one-half month:																											
Michigan.....	7	203	8.2	9	6	8	7	30	66	64	11	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio.....	2	149	8.4	7	3	1	4	7	38	88	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin.....	5	94	8.3	6	2	4	3	8	31	22	14	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	14	446	8.3	22	11	12	14	45	135	174	25	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand total.....	30	770	8.2	33	14	19	39	106	204	237	42	13	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

MILLING MACHINE HANDS AND OPERATORS.

Wisconsin.....	5	109	8.9	2	4	5	7	7	26	22	20	11	5	.552	2	19	26	14	4	5	7	7	6	4	7	8	....
Total.....	12	312	8.4	14	7	11	20	32	88	84	28	21	7	.586	4	21	47	24	34	52	34	29	27	12	15	13	....
Grand total.....	29	694	8.2	26	12	22	40	84	252	149	37	24	8	.551	9	74	131	89	67	83	63	53	44	22	28	20	1

PLANER AND SHAPER HANDS AND OPERATORS.

One week:																											
Indiana.....	2	2	8.7	1	1	1	1	1	2	1	3	1	1	.431	1	1	1	1	1	1	1	1	1	1	1	1	....
Michigan.....	2	6	8.4	1	1	1	1	1	10	2	2	1	1	.658	1	1	1	1	1	1	1	1	1	1	1	1	....
Ohio.....	2	15	7.4	2	1	1	1	1	1	3	2	1	1	.477	1	1	1	1	1	1	1	1	1	1	1	1	....
Other States.....	3	7	8.3	1	1	1	1	1	1	3	2	1	1	.472	1	1	1	1	1	1	1	1	1	1	1	1	....
Total.....	9	30	7.9	3	1	1	1	1	16	5	3	1	1	.509	1	6	9	7	2	2	1	1	1	1	1	1	....
Two weeks and one-half month:																											
Michigan.....	3	25	9.2	1	1	1	1	1	2	5	17	1	1	.568	1	3	2	5	4	5	2	2	2	2	2	1	....
Wisconsin.....	3	10	8.6	1	1	1	1	1	1	2	3	2	1	.660	1	1	1	3	2	1	3	2	2	2	2	1	....
Other States.....	1	3	9.1	1	1	1	1	1	1	3	3	1	1	.600	1	1	1	1	1	1	2	1	2	2	2	1	....
Total.....	7	38	9.0	1	1	1	1	1	3	7	20	4	2	.595	1	3	3	6	8	9	2	4	1	4	1	1	....
Grand total.....	16	68	8.5	4	1	1	2	4	23	25	7	2	2	.557	2	9	12	13	10	11	3	1	5	1	1	1	....

PUNCH PRESS HANDS AND OPERATORS, INCLUDING BROACHING.

One week:																											
Indiana.....	2	5	6.1	1	1	1	1	1	1	1	1	1	1	.383	4	1	1	1	1	1	1	1	1	1	1	1	....
Michigan.....	2	4	6.2	1	1	1	1	1	1	1	1	1	1	.597	1	1	1	1	1	1	1	1	1	1	1	1	....
New York.....	2	4	7.0	1	1	1	1	1	1	1	1	1	1	.491	1	1	1	1	1	1	1	1	1	1	1	1	....
Ohio.....	3	51	7.7	2	1	1	1	1	20	16	5	1	1	.470	7	13	16	5	7	1	2	1	2	1	2	1	....
Other States.....	1	12	8.8	1	1	1	1	1	3	9	1	1	1	.449	1	7	1	3	1	3	1	1	1	1	1	1	....
Total.....	10	76	7.6	4	3	1	8	26	17	15	2	1	1	.469	1	12	21	18	9	9	3	3	3	3	3	3	....
Two weeks and one-half month:																											
Michigan.....	5	51	9.1	3	1	1	1	1	4	2	14	25	1	.507	1	15	14	12	2	4	1	1	1	1	1	1	....
Wisconsin.....	2	38	8.6	4	1	1	1	1	2	2	13	5	7	.538	6	6	6	8	5	4	6	3	3	3	3	3	....
Other States.....	1	35	9.0	1	1	1	1	1	1	3	31	1	1	.556	1	18	17	17	17	17	17	17	17	17	17	17	....
Total.....	8	124	8.9	7	3	3	3	6	7	60	30	7	1	.536	1	21	20	38	24	8	7	4	1	1	1	1	....
Grand total.....	18	200	8.4	11	3	4	11	32	24	75	32	7	1	.511	1	12	42	38	47	33	11	4	1	1	1	1	....

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
			Un-der 4.													Un-der 35 cts.	Un-der 35 cts.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
			4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.			16.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.	27.	28.	29.	30.	31.	32.	33.	34.	35.	36.	37.	38.	39.	40.	41.	42.	43.	44.	45.	46.	47.	48.	49.	50.	51.	52.	53.	54.	55.	56.	57.	58.	59.	60.	61.	62.	63.	64.	65.	66.	67.	68.	69.	70.	71.	72.	73.	74.	75.	76.	77.	78.	79.	80.	81.	82.	83.	84.	85.	86.	87.	88.	89.	90.	91.	92.	93.	94.	95.	96.	97.	98.	99.	100.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
One week:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

ROAD AND FINAL TESTERS.

ROUGH STUFF AND VARNISH RUBBERS (PAINT SHOP).

One week:	2	20	8.3	1	1	4	13	1	1	\$0.704	3	7	20	3	3	2	1	2	2	6	1
Illinois.....	3	46	7.9	2	6	10	20	8	1	.554	1	1	1	1	1	1	11	2	7	5	1
Indiana.....	2	27	7.5	2	3	10	11	1	1	.880	1	1	1	1	1	1	4	3	3	10	7
Michigan.....	2	66	7.8	2	1	5	58	1	1	.594	1	1	1	1	1	6	57	1	1	1	
New York.....	1	34	7.0	4	1	3	20	6	1	.795	1	1	1	1	1	3	2	3	6	14	
Other States.....																				2	
Total.....	10	193	7.7	6	5	14	49	108	8	1	.871	3	8	21	6	11	63	9	10	15	23
Two weeks and one-half month:																				8	
Michigan.....	4	69	8.2	4	2	3	2	7	29	11	.775	1	1	1	1	3	5	7	9	23	7
Ohio.....	2	10	8.8	1	1	2	2	2	3	3	.965	2	2	2	4	2	1	4	11	10	11
Wisconsin.....	2	47	9.4	1	1	1	3	14	23	1	.873	1	1	1	1	1	1	1	1	1	1
Total.....	8	126	8.7	5	3	6	3	10	34	27	.795	1	1	1	2	5	5	8	15	34	17
Grand total.....	18	319	8.1	11	8	7	17	59	142	35	1	3	9	23	11	16	68	17	25	49	42

SCREW MACHINE HANDS AND OPERATORS.

One week:	3	64	8.6	1	2	2	8	34	3	9	4	1	\$0.486	2	5	19	14	9	10	2	3	2	1	2	2	6	1
Indiana.....	2	42	8.1	1	3	4	2	22	2	3	1	3	.681	1	1	1	2	2	9	5	3	4	5	6	3	4	1
Michigan.....	2	35	8.3	1	2	4	4	22	2	5	1	3	.600	1	1	1	1	2	2	4	18	5	2	1	1	1	1
New York.....	2	129	7.7	1	1	4	82	41	1	1	1	1	.522	1	3	34	40	40	40	1	3	6	1	1	1	1	1
Ohio.....	2	31	8.8	1	1	2	15	11	1	1	1	1	.534	1	3	6	6	4	3	6	1	1	1	1	1	1	1
Other States.....																											
Total.....	11	301	8.1	1	8	6	10	98	137	18	17	5	.547	8	8	29	58	64	62	30	12	14	11	4	5	1	1
Two weeks and one-half month:																											
Michigan.....	7	144	8.0	6	5	7	8	22	58	24	13	1	.613	1	2	17	17	23	19	11	14	13	3	16	4	4	4
Ohio.....	2	158	8.5	3	4	1	5	13	25	107	1	1	.554	1	3	11	77	47	17	3	10	10	6	6	1	1	1
Wisconsin.....	5	102	9.2	3	1	3	1	4	26	28	32	2	.586	1	4	5	23	13	13	12	10	10	6	6	1	1	1
Total.....	14	404	8.5	12	10	11	14	39	109	159	45	2	.583	1	6	25	51	113	79	40	27	23	8	22	5	4	4
Grand total.....	25	705	8.3	13	13	19	24	137	246	177	62	7	.568	4	14	64	109	177	141	70	39	37	19	26	10	5	5

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Num-ber of employ-ees.	Aver- age hours worked per day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
				Un-der 4.													Un-der 35 cts.	35 and 40 cts.	40 and 45 cts.	45 and 50 cts.	50 and 55 cts.	55 and 60 cts.	60 and 65 cts.	65 and 70 cts.	70 and 75 cts.	75 and 80 cts.	80 and 90 cts.	90 and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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One week:	3	12	8.0				2			10											\$0.539	2	5	1	3	2	1	4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

SHEET METAL WORKERS.

SMALL PARTS ASSEMBLERS.

[illegible]

124793°—20—5

SPRAYERS (PAINT SHOP).

	No.	1	2	3	4	5	6	7	8	9	10	11	12	Total	Average
One week:															
Michigan.....	2	31	8.4											\$0.731	1 1 3 6 3
Other States.....	1	1	9.2											.550	..... 1
Total.....	3	32	8.4											.726	1 1 3 7 3
Two weeks and one-half month:															
Michigan.....	5	27	7.9	1	.....	2	2	7	6	7	2	.....		.622	1 1 1 4 6 3 6 2
Grand total.....	8	59	8.2	1	1	1	3	3	17	14	12	6	2	.678	..... 1 2 4 7 13 6 3 7 3 6 4

Two weeks and one-half month:														
Michigan.....	4	74	6.8	9	4	7	12	17	16	8	1	.....	.....	.....
Illinois.....	1	8	8.8	.....	.....	.....	.....	.....	5	3	.....	.....	.....	.....
Other States.....	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	5	82	7.0	9	4	7	12	17	21	11	1	.....	.....	.....
Grand total.....	9	115	7.3	9	4	7	14	29	39	12	1	.....	.....	.....

GEAR CUTTER HANDS AND OPERATORS.

Two weeks and one-half month: All States.....	2	12	8.0	1	4	7	\$0.471	1	1	2	3	1	1	2
---	---	----	-----	-------	---	-------	---	---	-------	---------	-------	---	---	---	---	---	---	---

GRINDING MACHINE OPERATORS.

	1	5	7-9		2	3		\$0.300	5				
One week:													
All States.....													
Two weeks and one-half month:													
Michigan.....	3	13	7-9	1	1	4	3	.334	8	3	1	1	
Other States.....	1	5	9-2				1	.510			1	2	1
Total.....	4	18	7-9	1	1	4	4	.383	8	3	2	3	1
Grand total.....	5	23	7-8	1	1	3	4	.365	13	3	2	3	1

LATHE HANDS AND OPERATORS.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
 OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

BOXES, PAPER.

MALES.[illegible]

CUTTERS, SCORERS, AND CORNER CUTTERS (SET-UP).

Ohio.....	7	31	8.8	1	1	4	6	18	1	1	354	2	4	9	6	1
Pennsylvania.....	3	26	7.1	4	2	1	13	3	1	307	5	6	10	5	1	1
Wisconsin.....	2	4	8.4	3	1	3	1	1	1	326	4	1	2	1	1	1
Total.....	30	247	8.2	13	4	7	6	22	120	50	1	396	9	24	53	38
One week:																
Connecticut.....	5	20	8.5	1	1	1	11	5	2	303	1	2	1	5	10	1
Illinois.....	6	46	8.7	2	1	1	13	25	2	392	2	6	1	14	9	4
Massachusetts.....	7	68	8.9	2	1	1	8	48	9	423	1	1	6	18	23	1
Michigan.....	3	29	9.1	1	1	1	9	16	1	466	4	3	1	15	21	7
Missouri.....	4	22	8.5	1	1	1	16	4	1	333	3	2	3	7	6	1
New Jersey.....	4	25	7.8	2	3	1	7	11	1	396	3	2	3	6	7	6
New York.....	12	76	8.4	1	2	2	45	17	5	331	1	15	18	18	10	2
Ohio.....	37	37	8.5	1	2	3	15	17	1	352	4	8	2	3	9	2
Pennsylvania.....	7	27	7.3	1	2	1	3	13	5	353	2	1	4	3	3	3
Wisconsin.....	3	41	8.2	3	2	2	7	10	12	303	1	13	9	8	1	9
Total.....	58	391	8.3	14	9	12	10	182	119	24	3	5	26	47	58	8
Two weeks:																
New Jersey.....	2	5	8.4	2	1	1	2	1	1	317	3	2	1	1	2	1
Ohio.....	2	12	7.6	1	1	1	1	1	1	278	2	2	1	2	2	1
Other States.....	2	6	8.7	1	1	1	1	1	1	316	2	2	1	2	2	1
Total.....	6	23	8.1	3	2	2	2	4	9	296	2	2	4	5	3	3
Grand total.....	64	414	8.3	17	9	12	12	20	186	128	25	4	7	30	52	35

DIE MAKERS AND PRESSMEN (FOLDING).

Ohio.....	2	20	8.1	1	1	5	10	2	1	502	1	5	1	5	1	4
Connecticut.....	2	14	8.4	1	1	2	8	1	1	552	1	1	1	4	6	4
Illinois.....	2	2	8.2	2	2	2	2	2	2	498	2	2	2	2	2	2
Massachusetts.....	2	2	8.2	2	2	2	2	2	2	507	2	2	2	2	2	2
Michigan.....	4	17	9.4	1	4	4	10	2	1	607	2	2	2	2	2	2
New Jersey.....	3	6	8.4	2	2	2	9	7	14	618	2	2	2	2	2	2
New York.....	2	35	9.7	2	2	2	10	7	2	483	1	3	1	3	9	7
Ohio.....	8	20	9.1	1	1	1	10	1	2	406	1	1	1	6	6	1
Pennsylvania.....	4	13	8.2	1	1	4	4	5	2	474	2	2	2	2	2	2
Wisconsin.....	2	6	8.5	1	1	1	1	1	1	498	2	2	2	2	2	2
Other States.....	3	6	8.1	1	1	1	1	1	1	525	1	1	1	1	1	1
Total.....	32	139	8.9	2	3	15	62	30	20	6	1	4	13	41	48	32

SCRAPPERS (FOLDING).

One week:	2	46	7.7	1	2	1	2	39	2	39	2	2	15	8	9	9	2	29
Connecticut.....	2	5	8.7	1	1	1	1	3	2	3	1	1	1	1	1	1	1	1
Massachusetts.....	2	5	8.7	1	1	1	1	3	2	3	1	1	1	1	1	1	1	1
Michigan.....	4	31	7.5	4	1	2	1	14	5	5	1	1	1	1	1	1	1	1
New Jersey.....	3	13	7.3	2	1	1	1	3	3	3	1	1	1	1	1	1	1	1
New York.....	2	54	9.5	1	1	1	1	9	19	15	6	1	1	1	1	1	1	1
Ohio.....	3	7	7.7	1	1	1	1	4	1	5	1	1	1	1	1	1	1	1
Pennsylvania.....	8	5	7.3	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1
Other States.....	1	2	5.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total.....	20	162	8.2	9	4	5	7	8	69	35	17	8	20	12	41	44	12	29

STAYERS (SET-UP AND FOLDING).

One week:	3	4	9.0	1	2	1	1	1	3	1	3	2	8	11	5	20	3	3
Illinois.....	3	13	8.2	1	1	1	1	2	6	4	1	1	1	1	1	1	1	1
Massachusetts.....	5	11	8.0	1	1	1	1	4	4	4	1	1	1	1	1	1	1	1
New York.....	3	9	8.4	1	1	1	1	4	2	1	1	1	1	1	1	1	1	1
Wisconsin.....	3	21	9.4	1	1	1	1	2	5	12	2	1	1	1	1	1	1	1
Other States.....	19	58	8.7	1	2	2	5	22	25	3	3	2	8	9	11	5	20	3
Total.....	1	2	5.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Two weeks:	1	2	5.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
All States.....	20	60	8.6	1	3	1	5	22	25	3	3	2	9	9	12	5	20	3
Grand total.....																		

FEMALES.

BENDERS-UP (SET-UP AND FOLDING).

One week:	3	13	7.0	2	1	2	1	5	2	3	1	4	5	1	1	1	1	1
Illinois.....	3	13	7.0	1	1	1	1	9	3	1	4	6	2	2	1	1	1	1
Massachusetts.....	5	15	7.1	1	1	1	1	2	3	1	4	4	2	1	1	1	1	1
New Jersey.....	2	8	7.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
New York.....	5	14	7.5	1	1	1	1	3	8	1	4	6	1	1	1	1	1	1
Ohio.....	4	28	7.4	2	1	5	20	2	1	1	1	18	7	1	1	1	1	1
Other States.....	5	14	8.0	1	1	1	3	8	2	4	2	2	2	2	2	2	2	2
Total.....	24	92	7.4	8	2	2	11	16	46	7	14	14	32	16	5	1	1	1

FEMALES—Continued.

CLOSERS AND INSPECTORS (SET-UP).

COVERERS (SET-UP).

One week:	7	7.9	1	4	1	\$0.292	29	1	5
Connecticut.....	26	27	1	4	20	298	13	1	9
Massachusetts.....	27	7.7	1	8	21	312	22	1	4
Michigan.....	2	8.1	6	3	1	319	14	1	1
.....	2	8.2	1	3	3	320	14	1	1
.....	4	8	1	1	3	321	2	1	1

[illegible]

CUTTERS AND CREASERS (FOLDING).

[illegible]

CUTTERS, SCORERS, AND CORNER CUTTERS (SET-UP):

[illegible]

GLUING MACHINE OPERATORS (FOLDING).

[illegible]

LABORERS (SET-UP AND FOLDING).

State	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000	2010	2020
One week:																
Illinois.....	4	17	7.6	1	1	3	10	2							1	1
Massachusetts.....	2	18	6.5	1	4	3	10								1	
New Jersey.....	3	30	6.9	5	2	1	10	7							3	1
New York.....	5	118	7.1	10	4	9	23	63							21	7
Ohio.....	3	14	6.3	3	1	2	4	4							2	1
Pennsylvania.....	2	11	5.9	3		3	1	4							2	2
Other States.....	3	9	8.3			3	3	2	4						3	
Total.....	22	217	7.0	23	8	14	23	43	93	13					20	2
Two weeks:																
All States.....	4	4	8.3					1	2	1					1	
Grand total.....	26	221	7.0	23	8	14	23	44	95	14					21	2

SCRAPPERS (FOLDING).

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earn- ings per hour work- ed.	Employees whose earnings per hour worked were—											
			Un-der 4.													Un-der 10 cts.											
			4	5	6	7	8	9	10	11	12	Un-der 10 cts.	and un-der 12 cts.	and un-der 14 cts.		and un-der 16 cts.	and un-der 18 cts.	and un-der 20 cts.	and un-der 25 cts.	and un-der 30 cts.	and un-der 35 cts.	and un-der 40 cts.	and un-der 50 cts.	60 and over.			
One week:																											
Connecticut.....	6	22	7.3	1	1	1	1	6	11	1	1	1	1	\$0.269	1	1	2	2	1	1	9	4	5	2	2	1	1
Illinois.....	7	43	7.8	2	1	2	2	5	29	2	2	2	2	.246	2	6	4	6	15	3	14	15	6	6	3	1	1
Massachusetts.....	8	32	7.7	1	1	2	1	14	17	4	4	4	4	.315	1	2	1	1	4	2	4	1	4	1	1	1	1
Michigan.....	2	6	7.8	1	1	1	1	2	4	1	1	1	1	.323	1	1	1	1	1	1	1	1	1	1	1	1	1
Missouri.....	5	15	7.2	2	1	1	1	1	11	4	4	4	4	.224	1	1	1	1	1	1	6	2	1	1	1	1	1
New Jersey.....	4	11	8.6	1	1	1	1	1	4	5	1	1	1	.233	1	1	1	1	1	1	17	23	11	6	1	4	2
New York.....	12	75	7.5	4	3	4	4	8	55	1	1	1	1	.267	1	2	1	1	1	1	26	18	2	1	2	2	2
Ohio.....	6	52	7.3	4	3	2	7	5	31	6	3	3	3	.233	1	2	1	2	2	1	26	18	2	1	2	2	2
Pennsylvania.....	8	29	8.0	1	1	1	1	7	11	6	1	1	1	.276	1	1	1	1	1	1	4	11	5	2	2	2	2
Wisconsin.....	3	24	7.9	2	2	2	2	5	9	6	1	1	1	.213	1	3	1	3	5	1	11	2	2	2	2	2	2
Total.....	61	309	7.6	14	8	13	21	50	182	20	1	1	1	.262	2	6	20	25	20	25	96	82	43	22	12	1	1
Two weeks:																											
Michigan.....	1	4	7.2	1	1	1	1	1	1	1	1	1	1	.303	1	1	1	1	1	1	2	1	1	1	1	1	1
Ohio.....	2	4	8.4	1	1	1	1	1	1	1	1	1	1	.312	1	1	1	1	1	1	1	1	1	1	1	1	1
Other States.....	2	7	7.2	1	1	1	1	1	1	1	1	1	1	.231	1	1	1	1	1	1	3	1	1	1	1	1	1
Total.....	5	15	7.5	1	1	1	1	1	1	1	1	1	1	.272	1	1	1	1	1	1	6	2	2	2	1	1	1
Grand total.....	66	324	7.6	15	9	13	24	51	186	22	1	1	1	.262	2	6	22	25	23	102	84	45	24	13	1	1	1

STAYERS (SET-UP AND FOLDING).

STRIPPERS AND TOP AND BOTTOM PAPERS (SET-UP).

State	5	4s	7.3	.5	3	22	16	2	\$0.276	1	1	3	13	15	16	11	7	8	2
One week:																			
Connecticut.....	5	4s	7.3	.5	3	22	16	2	...	...	...	1	3	13	15	16	7	8	2
Illinois.....	5	122	8.2	1	3	2	19	90	...	...	...	1	3	13	15	49	22	8	2
Massachusetts.....	6	110	6.9	13	6	8	45	35	...	...	...	1	4	12	8	29	22	6	3
Michigan.....	2	27	7.5	2	1	5	3	16	...	...	...	...	...	1	5	14	6	1	...
Missouri.....	3	19	7.4	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
New Jersey.....	4	45	8.5	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
New York.....	11	176	7.6	10	3	1	3	25	...	...	...	1	6	7	18	5	4	1	...
Ohio.....	6	44	7.4	2	...	14	15	127	...	...	...	7	14	24	50	43	22	10	6
Pennsylvania.....	7	61	7.9	2	1	3	4	12	...	...	...	2	23	20	15	4	3	2	...
Wisconsin.....	3	43	8.0	...	4	9	18	12	...	...	...	6	9	6	27	12	1	2	1
Total.....	52	695	7.7	37	15	14	45	143	...	...	...	1	4	71	70	240	148	69	16
Two weeks:																			
New Jersey.....	2	4	8.2	...	...	2	1	...	...	...	...	...	...	1	1	1	1	1	...
Ohio.....	2	16	8.2	...	...	2	14	...	...	...	...	...	...	...	7	8	1	...	...
Other States.....	2	18	7.5	2	1	1	3	5	...	...	...	2	4	3	3	5	1	...	...
Total.....	6	38	7.9	2	1	1	7	20	...	...	...	2	4	4	11	14	2	1	...
Grand total.....	58	733	7.7	39	16	14	46	150	...	...	...	1	4	75	74	251	162	71	38

TABLE WORKERS (SET-UP AND FOLDING).

[illegible]

EARNINGS PER HOUR WORKED, BY SEX AND LOCALITY—Continued.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNING PER HOUR, BY OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES—Concluded.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Num-ber of em-ploy-ees.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
				Un-der 4.													Un-der 10 cts.	10 and over cts.	12 and over cts.	14 and over cts.	16 and over cts.	18 and over cts.	20 and over cts.	25 and over cts.	30 and over cts.	35 and over cts.	40 and over cts.	50 and over cts.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
				4 and under 5.	5 and under 6.	6 and under 7.	7 and under 8.	8 and under 9.	9 and under 10.	10 and under 11.	11 and under 12.	12 and over cts.	14 and over cts.	16 and over cts.	18 and over cts.														20 and over cts.	25 and over cts.	30 and over cts.	35 and over cts.	40 and over cts.	50 and over cts.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MINORS (MALES AND FEMALES)—Concluded.

Pay-roll period and locality.	Number of establishments.	Number of employees.	Average hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—										Average earnings per hour worked.	Employees whose earnings per hour worked were—											
				Un-der 4.	4 and 5.	5 and 6.	6 and 7.	7 and 8.	8 and 9.	9 and 10.	10 and 11.	11 and 12.	Un-der 10 cts.		10 and 12 cts.	12 and 14 cts.	14 and 16 cts.	16 and 18 cts.	18 and 20 cts.	20 and 25 cts.	25 and 30 cts.	30 and 35 cts.	35 and 40 cts.	40 and 50 cts.	50 and 60 cts.	60 and over.

LABORERS (SET-UP AND FOLDING).

One week:																									
Connecticut.....	3	6	8.1				1	4	4	1								1	3	2					
Massachusetts.....	5	10	7.0				6	4	9	1								1	2	5	1				
New York.....	5	13	6.8	1	1		1	1	1									1	5	6					
Pennsylvania.....	4	5	6.0	2	1		1	2	1									1	2	2					
Wisconsin.....	3	59	6.6	4	2	1	24	28							12	33	14	3							
Other States.....	4	8	7.2			1	7								1	8									
Total.....	24	101	6.8	7	3	2	32	50	6	1					14	38	17	11	17	3	1				

SCRAPPERS (FOLDING).

One week:																									
All States.....	2	7	7.0	1					6											3	2				

STRIPPERS AND TOP AND BOTTOM PAPERERS (SET-UP).

One week:																									
Connecticut.....	2	4	8.1					1	2	1								1	1	1					
Illinois.....	2	14	7.3	1				11	1									1							
Massachusetts.....	2	6	7.1	1				5										1							
Missouri.....	2	2	7.4					2										1							

TABLE WORKERS (SET-UP AND FOLDING).

New York.....	3	5 ⁱ	7.3	..	..	5	..	.283	1	1	..	3
Wisconsin.....	3	10	7.1	..	..	6	..	.190	1	1	..	1
Iowa.....	3	4	6.6	..	..	2	..	.233	1	2	..	1
Other States....	..	..	..	1	1	2	..	..	..	..	..	..
Total.....	17	45	7.2	1	1	6	32	.181	1	3	15	7 6 7 2 3

[illegible]

TURNERS-IN (SET-UP).

One week:																		
Connecticut.....	2	12	7.5	1	6	5			\$0.207	1	3	12	3	1	4			
Illinois.....	4	17	7.4		16	9				1	8	7	5	10	6			
Massachusetts.....	4	29	6.7	1	2	16					2	2	2	3	4			
New York.....	5	14	7	1	10	1					2	2	2	2	3			
Ohio.....	2	2	7.5		2	9									1			
Pennsylvania.....	2	9	7.1		2	9					2		6		2			
Other States.....	1	2	7.4		2	2									2			
Total.....	20	85	7.1	2	2	19	54	6		2	8	21	14	16	15	8	1	

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNING PER HOUR PER DAY, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

BRICK AND TILE.

MALES.

Pay-roll period and locality.	Num-ber of em-ploy-ees.	Average hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—										Average earnings per hour worked.	Employees whose earnings per hour worked were—											
			Un-der 4.					4 and un-der 5.						Un-der 30 cts.					30 and un-der 45 cts.						
			Un-der 4.	4.	5.	6.	7.	8.	9.	10.	11.	12.		Un-der 30 cts.	30 cts.	40 cts.	45 cts.	50 cts.	55 cts.	60 cts.	65 cts.	70 cts.	75 cts.		
One week:																									
Illinois.....	3	5	8.3	.....	.....	.....	1	4	.....	.....	.....	.....	\$0.524	.....	.....	1	1	2	4	1	.....	.....	.....
Indiana.....	4	4	9.4	.....	.....	.....	1	1	.....	2	.....	.....	.419	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa.....	2	2	9.4	.....	.....	.....	.....	1	.....	1	.....	.....	.460	.....	.....	1	1	1	1	.....	.....	.....	.....
Missouri.....	3	3	7.9	.....	.....	.....	1	.....	.....	.....	.....	.....	.435	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey and New York.....	2	2	9.7	.....	.....	.....	1	.....	.....	.....	.....	.....	.418	.....	.....	1	1	1	1	.....	.....	.....	.....
Pennsylvania.....	2	2	9.3	.....	.....	.....	.....	2	.....	.....	.....	.....	.583	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other States.....	1	1	8.6	.....	.....	.....	1	.....	.....	.....	.....	.....	.396	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	17	19	8.7	.....	.....	.....	1	8	6	4	3	1	.467	.....	.....	4	3	5	5	1	1	.....	.....
Two weeks and one-half month:																									
California.....	2	4	8.6	.....	.....	.....	.....	4	.....	.....	.....	.....	.426	.....	.....	.....	3	3	1	.....	.....	.....	.....
Iowa.....	3	3	9.8	.....	.....	.....	.....	2	.....	1	.....	.....	.462	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan.....	3	4	8.0	.....	.....	.....	1	2	.....	.....	.....	.....	.768	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri.....	2	2	10.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.413	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio.....	3	4	10.2	.....	.....	.....	.....	1	1	1	.....	.....	.435	.....	.....	1	1	1	1	.....	.....	.....	.....
Pennsylvania.....	2	3	7.7	.....	.....	.....	.....	1	.....	.....	.....	.....	.412	.....	.....	2	1	1	1	.....	.....	.....	.....
Other States.....	1	1	8.3	.....	.....	.....	.....	1	.....	.....	.....	.....	.506	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	16	21	9.0	.....	.....	.....	1	2	6	4	4	1	.499	.....	.....	.....	4	4	6	3	.....	.....	.....
Grand total.....	33	40	8.8	.....	.....	.....	1	2	5	12	8	7	.484	.....	.....	8	7	11	8	1	.....	.....	.....

BRICK MACHINE TENDERS.

GRINDING MACHINE TENDERS.

	One week:	Two weeks and one-half month:	Total:
Illinois.....	3	9	7.8
Indiana.....	4	6	9.0
Iowa.....	2	8	8.4
Missouri.....	3	7	7.6
Pennsylvania.....	2	3	7.6
Other States.....	2	4	8.0
Total.....	10	32	8.0
California.....	5	7	8.7
Iowa.....	3	5	8.5
Michigan.....	3	5	8.5
Missouri.....	2	3	9.7
Ohio.....	2	7	7.4
Pennsylvania.....	2	5	8.5
Other States.....	1	1	6.8
Total.....	16	30	8.3
Grand total.....	32	62	8.1

IKULN FIREMEN.

One week:																				
Illinois.....	3	33	8.6	1	1	2	2	4	21	2	14	10	6	1	.....	3	5	4	19	2
Indiana.....	4	17	13.1					1			14	301	10	6	1	.....			
Iowa.....	2	12	13.3								9	329			1	1	.....		
Maryland.....	2	9	11.6					1	2	2	8	1	435		1	3	2	1	2	
Missouri.....	2	10	12.8					1			9	306	8		2	.....			
New Jersey and New York.....	2	7	11.5					1			1	379		2	2	3	.....		
Pennsylvania.....	2	4	12.9					1			3	453				4	.....		
Total.....	17	92	11.2	1	1	2	3	9	23	6	7	40	18	19	7	8	8	5	6	19
Two weeks and one-half month:																				
California.....	2	4	10.1						3		1	473				2	1	.....	
Idaho.....	3	13	12.1					2			8	332		4		.....			
Michigan.....	2	16	11.6								1	526				9	.....		
Missouri.....	2	10	9.3					1	3		2	1	335		2	.....	6			
Ohio.....	2	11	10.8	1	1					1	5	387		4	4	.....	8			
Pennsylvania.....	2	15	11.5						7		7	406			6	6	.....	2		
Other States.....	1	7	7.6	1				1	5			417			1	8	.....		
Total.....	16	66	10.7	2	1	.....	2	1	6	21	3	6	24	.....	10	11	35	1	9	.....
Grand total.....	33	158	11.0	3	2	2	2	4	15	44	6	13	64	18	29	18	43	9	14	6

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Average hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Average earnings per hour worked.	Employees whose earnings per hour worked were—											
			Un-der 4.													Un-der 30 cts.											
			4.	5.	6.	7.	8.	9.	10.	11.	12.	11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	5.	4.	3.	2.	1.
One week:																											
Illinois.....	54	7.5	3	1	2	6	2	37	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana.....	26	7.4	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa.....	2	6.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland.....	16	6.7	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri.....	2	5.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey and New York.....	3	6.5	1	1	2	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania.....	2	6.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania.....	2	6.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	18	7.0	10	3	19	16	19	48	8	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Two weeks and one-half month:																											
California.....	2	7.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa.....	10	6.7	1	1	1	2	6	7	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan.....	3	6.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri.....	6	6.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio.....	2	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania.....	2	6.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania.....	2	6.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other States.....	1	6.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	16	6.9	4	5	8	19	11	14	8	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand total.....	34	7.0	14	8	27	35	30	62	16	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

KILN SETTERS.

LABORERS.

One week:	3	65	7.4	3	4	5	5	16	21	11	3	7	\$0.428	30	11	17	5	2	2	1	2	1	1	
Illinois.....	4	87	9.1	2	2	1	3	13	11	28	17	3	7	353	64	3	1	1	2	1	2	1	1	
Indiana.....	2	40	8.6	3	1	3	1	4	12	6	5	1	1	391	1	2	26	4	2	1	5	3	2	
Iowa.....	2	53	7.1	3	1	4	15	9	17	2	2	2	2	578	8	2	4	11	1	5	3	2	7	
Missouri.....	3	103	7.7	5	2	3	7	47	17	14	6	2	2	340	3	70	15	4	4	4	4	4	3	
New Jersey and New York.....	2	59	8.0	2	2	2	8	3	32	3	3	3	1	445	3	14	26	4	2	3	2	5	1	
Pennsylvania.....	2	55	8.9	4	1	1	7	8	1	26	1	1	6	445	6	33	8	2	5	1	1	1	1	
Total.....	18	462	8.1	22	13	19	46	100	103	96	34	14	15	412	12	147	99	85	42	27	13	11	10	2
Two weeks and one-half month:																								
California.....	2	63	7.1	8	3	3	7	6	25	11	1	1	1	386	18	36	7	1	1	1	1	1	1	1
Iowa.....	3	85	7.3	11	7	3	7	12	14	17	14	1	1	407	2	1	8	71	3	6	13	13	3	11
Michigan.....	3	48	7.2	3	1	1	9	21	9	1	8	1	1	677	1	3	1	1	1	1	1	1	1	1
Missouri.....	2	32	6.4	10	1	2	2	4	7	4	2	2	2	349	6	9	17	11	6	2	3	2	1	1
Ohio.....	3	52	6.3	15	3	2	4	3	16	3	5	1	1	490	7	18	11	6	2	3	2	1	1	1
Pennsylvania.....	2	61	8.1	7	4	2	2	11	6	16	7	4	2	403	17	23	4	7	4	6	1	1	1	1
Other States.....	1	19	6.6	3	1	1	5	7	3	3	1	2	2	385	16	2	1	4	1	1	1	1	1	1
Total.....	16	360	7.1	57	19	14	36	64	80	52	31	4	3	441	8	45	90	119	23	10	15	16	15	3
Grand total.....	34	822	7.7	79	32	33	82	164	183	148	65	18	18	425	20	192	189	204	65	37	28	27	25	5
																								1

LOADERS AND WHEELERS.

One week:	3	61	6.4	7	3	7	9	22	13	1	1	1	\$0.543	1	4	8	14	6	11	3	5	5	3	1
Illinois.....	4	25	6.7	3	1	5	7	9	10	1	1	1	554	1	3	4	5	2	8	3	5	3	1	1
Indiana.....	2	13	7.3	2	1	3	2	5	5	1	1	1	619	2	2	5	5	2	2	2	2	2	2	2
Iowa.....	3	23	6.3	2	1	2	17	1	2	1	1	1	510	2	2	5	7	3	4	4	4	4	4	4
Other States.....	3	14	7.6	1	1	1	2	5	6	1	1	1	575	6	6	6	6	4	4	4	4	4	4	4
Total.....	15	146	6.7	12	7	15	38	38	34	2	1	1	550	2	9	20	24	20	28	12	10	10	7	4
Two weeks and one-half month:																								
California.....	2	46	7.3	5	3	1	3	4	22	8	1	1	393	35	8	8	5	3	3	3	3	3	3	3
Iowa.....	3	20	6.5	4	1	1	8	5	1	1	1	1	517	1	1	2	8	5	1	1	1	1	1	1
Michigan.....	3	24	6.4	1	1	9	7	8	1	1	1	1	982	4	1	1	1	1	1	1	1	1	1	1
Missouri.....	2	8	8.5	1	1	1	1	1	3	1	2	1	452	1	1	1	1	1	1	1	1	1	1	1
Ohio.....	3	13	6.6	2	1	3	4	1	1	1	1	1	572	1	1	1	1	1	1	1	1	1	1	1
Pennsylvania.....	2	7	5.9	4	1	1	1	1	1	1	1	1	618	1	1	1	1	1	1	1	1	1	1	1
Other States.....	1	12	5.9	1	1	1	6	5	1	1	1	1	602	5	37	14	12	6	8	6	9	7	1	7
Total.....	16	130	6.8	11	8	20	17	26	34	11	3	1	574	7	46	34	36	26	36	18	19	17	8	11
Grand total.....	31	276	6.7	23	15	35	55	64	68	13	3	1	561	7	46	34	36	26	36	18	19	17	8	11

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED; BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

CAR BUILDING.

MALES.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—											Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—												
			Un-der 4.												Un-der 35 cts.												
			4	5	6	7	8	9	10	11	12	13	14		35	40	45	50	55	60	65	70	75	80	85	90	
One week:	1	4	8.1	1	1	1	1	3	5	2	5	1	1	\$0.526	Un-der 35 cts.	Un-der 40 cts.	Un-der 45 cts.	Un-der 50 cts.	Un-der 55 cts.	Un-der 60 cts.	Un-der 65 cts.	Un-der 70 cts.	Un-der 75 cts.	Un-der 80 cts.	Un-der 85 cts.	Un-der 90 cts.	\$1.10
Eastern.....	2	14	8.9	1	1	1	2	5	2	5	1	1	1	.751	35	40	45	50	55	60	65	70	75	80	85	90	\$1.25
Central.....	1	7	8.1	1	1	1	2	2	2	2	1	1	1	.690	35	40	45	50	55	60	65	70	75	80	85	90	Un-der 1.25
Southern.....	1	4	6.8	1	1	1	3	1	1	1	1	1	1	.477	35	40	45	50	55	60	65	70	75	80	85	90	Un-der 1.25
Total.....	5	29	8.3	1	1	1	8	10	4	5	1	1	1	.668	35	40	45	50	55	60	65	70	75	80	85	90	\$1.10
Two weeks and one-half month:																											
Eastern.....	2	22	6.6	3	1	2	9	1	3	3	1	1	1	.841	Un-der 35 cts.	Un-der 40 cts.	Un-der 45 cts.	Un-der 50 cts.	Un-der 55 cts.	Un-der 60 cts.	Un-der 65 cts.	Un-der 70 cts.	Un-der 75 cts.	Un-der 80 cts.	Un-der 85 cts.	Un-der 90 cts.	\$1.25
Central.....	4	60	8.6	1	1	2	2	6	14	34	2	2	2	.851	35	40	45	50	55	60	65	70	75	80	85	90	Un-der 1.25
Southern.....	6	83	8.3	5	3	10	7	21	25	10	2	1	1	.789	35	40	45	50	55	60	65	70	75	80	85	90	Un-der 1.25
Total.....	4	35	8.5	3	1	2	2	7	18	1	2	1	1	.617	35	40	45	50	55	60	65	70	75	80	85	90	Un-der 1.25
Grand total.....	16	200	8.2	7	8	23	14	45	80	11	4	4	4	.766	35	40	45	50	55	60	65	70	75	80	85	90	Un-der 1.25
	21	229	8.2	7	9	23	22	55	84	16	4	4	4	.753	35	40	45	50	55	60	65	70	75	80	85	90	Un-der 1.25

AIR BRAKEMEN.

One week:	1	4	8.1	1	1	1	1	3	5	2	5	1	1	\$0.526	Un-der 35 cts.	Un-der 40 cts.	Un-der 45 cts.	Un-der 50 cts.	Un-der 55 cts.	Un-der 60 cts.	Un-der 65 cts.	Un-der 70 cts.	Un-der 75 cts.	Un-der 80 cts.	Un-der 85 cts.	Un-der 90 cts.	\$1.10
Eastern.....	2	14	8.9	1	1	1	2	5	2	5	1	1	1	.751	35	40	45	50	55	60	65	70	75	80	85	90	\$1.25
Central.....	1	7	8.1	1	1	1	2	2	2	2	1	1	1	.690	35	40	45	50	55	60	65	70	75	80	85	90	Un-der 1.25
Southern.....	1	4	6.8	1	1	1	3	1	1	1	1	1	1	.477	35	40	45	50	55	60	65	70	75	80	85	90	Un-der 1.25
Total.....	5	29	8.3	1	1	1	8	10	4	5	1	1	1	.668	35	40	45	50	55	60	65	70	75	80	85	90	\$1.10
Two weeks and one-half month:																											
Eastern.....	2	22	6.6	3	1	2	9	1	3	3	1	1	1	.841	Un-der 35 cts.	Un-der 40 cts.	Un-der 45 cts.	Un-der 50 cts.	Un-der 55 cts.	Un-der 60 cts.	Un-der 65 cts.	Un-der 70 cts.	Un-der 75 cts.	Un-der 80 cts.	Un-der 85 cts.	Un-der 90 cts.	\$1.25
Central.....	4	60	8.6	1	1	2	2	6	14	34	2	2	2	.851	35	40	45	50	55	60	65	70	75	80	85	90	Un-der 1.25
Southern.....	6	83	8.3	5	3	10	7	21	25	10	2	1	1	.789	35	40	45	50	55	60	65	70	75	80	85	90	Un-der 1.25
Total.....	4	35	8.5	3	1	2	2	7	18	1	2	1	1	.617	35	40	45	50	55	60	65	70	75	80	85	90	Un-der 1.25
Grand total.....	16	200	8.2	7	8	23	14	45	80	11	4	4	4	.766	35	40	45	50	55	60	65	70	75	80	85	90	Un-der 1.25
	21	229	8.2	7	9	23	22	55	84	16	4	4	4	.753	35	40	45	50	55	60	65	70	75	80	85	90	Un-der 1.25

AXLE TURNERS.

[illegible]

BULLDOZER HANDS.

[illegible]

Two weeks and one-half month:													
Eastern.....	2	109	7.0	3	1	5	21	69	6	1	.....	762	.....
Central.....	1	20	7.4	.....	.....	.....	.....	22	1	.....	770	.....	37
Central.....	1	20	7.4	.....	.....	.....	.....	22	1	.....	770	.....	4
Central.....	4	807	7.8	43	38	62	101	353	94	18	.....	840	.....
Southern.....	4	666	8.4	34	14	16	33	66	136	343	20	4	.....
Total.....	13	1,608	8.0	80	53	84	160	252	365	478	114	22	.....
Grand total.....	18	1,878	7.9	88	68	95	186	328	461	496	144	28	.....

CAR FITTERS AND BEAMERS, STEEL.

One week:															
Eastern.....	2	55	7.6	3	.....	2	5	8	33	4	.....	\$0.521	.....	
Central.....	2	154	7.4	12	6	1	15	4	113	2	.....	734	.....	
Central.....	1	40	7.2	6	1	4	6	2	12	9	.....	633	.....	
Southern.....	1	28	7.2	.....	2	.....	3	23	.....	.....	.....	606	.....	
Total.....	6	277	7.4	21	8	7	29	37	156	15	2	637	
Two weeks and one-half month:															
Eastern.....	2	233	6.1	65	10	14	24	98	32	.....	.....	743	.....	
Central.....	4	600	8.0	6	16	29	74	102	262	68	3	891	
Central.....	6	704	7.8	38	12	64	97	77	166	197	83	5	853
Southern.....	4	463	8.2	40	11	18	18	84	85	234	22	1	567
Total.....	16	2,000	7.7	144	49	125	213	301	605	519	78	6	765
Grand total.....	22	2,277	7.7	165	57	132	242	338	723	534	80	6	770

CAR TRUCK BUILDERS.

One week:																			
Eastern.....	2	10	7.3				2	1	3	4			\$0.503						
Central.....	2	14	8.5						1	9		4		550				3	7
Central.....	1	5	7.0	1							2			596	2			3	
Southern.....	1	3	7.5						3					539		2	1		
Total.....	6	32	7.8	1	1	2	1	2	1	8	13	2	4	585	2	3	13	1	3 10
Two weeks and one-half month:																			
Eastern.....	2	4	6.1	2						2				552		1	1		1
Central.....	3	52	8.0	2				6	11	21	12			922				1	5
Central.....	6	64	8.4	2				8	7	15	10	18		787		4	1	4	11
Southern.....	3	28	8.6	2				2		6	17	1		638	1	2	7	1	18
Total.....	14	148	8.2	8		4	16	18	44	39	41	19		799	1	2	7	8	6
Grand total.....	20	180	8.1	9	1	6	17	26	57	41	23			761	1	4	10	21	27
																	5	18	23
																	2	28	10
																	12	23	7
																	10	12	7

1000

MALES—Continued.

[illegible]

DRILL PRESS HANDS.

One week:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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Two weeks and one-half month:										
Eastern.....	2	76	7.1	4	2	3	19	28
Eastern Central.....	4	32	7.8	1	2	3	2	6
Eastern Southern.....	6	8	8.1	1	1	5	10	13	.....	.....
Central.....	4	70	8.1	1	1	3	4	10	.....	.....
Southern.....	4	23	8.8	1	1	1	3	4	.....	.....
Total.....	16	209	7.9	7	5	11	27	51	49	33
Grand total.....	22	227	7.9	8	5	11	27	56	58	34

FORGING MACHINE HANDS.

[illegible]

HAMMERSMITHS, BRADLEY DROP AND STEAM,

[illegible]

FORGING MACHINE HANDS.

[illegible]

HAMMERSMITHS. BRADLEY DROP AND STEAM.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Average hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—											Average earnings per hour worked.	Employees whose earnings per hour worked were—														
			Un-der 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 and over.				35 cts. and under 35 cts.	40 cts. and under 40 cts.	45 cts. and under 45 cts.	50 cts. and under 50 cts.	55 cts. and under 55 cts.	60 cts. and under 60 cts.	65 cts. and under 65 cts.	70 cts. and under 70 cts.	75 cts. and under 75 cts.	80 cts. and under 80 cts.	85 cts. and under 85 cts.	90 cts. and under 90 cts.	\$1.00 and under \$1.00.	\$1.25 and over.	
HANDYMEN.																													
One week																													
Eastern.....	2	35	8	2	3	17	10	9	5	1	1						15	4	10	3	2	1							
Central.....	1	22	7	1	7	7	9	10	1								17	2				1							
Southern.....	1	33	7	3	5	1	44	1	4								1	10	6	3	4								
Total.....	5	144	12	5	7	14	66	20	19	1							3	57	32	20	11	5	7	1	5				
Two weeks and one-half month:																													
Eastern.....	2	54	2	7	2	12	28	4	1										2	7	12	23	4	2	2				
Central.....	4	129	1	3	5	13	35	59	10										60	52	6	4	2						
Southern.....	6	422	43	19	18	36	48	78	83	67	30								7	121	133	49	33	16	15	5	12	19	4
Total.....	16	905	81	69	43	82	67	104	162	286	100	42							72	117	235	212	76	60	44	25	11	22	5
Grand total.....	21	1,049	81	46	39	81	170	182	306	101	42								73	120	292	244	96	71	49	32	12	20	6
HELPERS AND HEATERS, METAL WORKING MACHINERY.																													
One week:																													
Eastern.....	2	70	2	4	4	14	22	31	2										4	4	10	15	12	8	23	3			
Central.....	2	114	13	3	5	9	4	37	9	32	2								7	8	51	19	9	6	4	1			
Southern.....	1	54	2	1	1	3	13	2	13	2																			
Total.....	6	270	18	11	11	41	58	72	23	34	2								11	89	63	40	35	20	31	9	1	1	

[illegible]

HOLDERS-ON AND BUCKERS-UP.

[illegible]

HYDRAULIC PRESSES HANDS.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
 OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

[illegible]

LABORERS.

One week:	2	6	7	2	6	11	17	2	2	16	2	84	9	404	11	50			
Eastern.....	2	61	6.6	7	2	4	13	17	3	41	14	84	9	402	4	157	3	1	
Central.....	2	189	9.2	4	4	14	3	17	4	41	1	18	4	402	4	157	3	1	
Eastern Central.....	1	27	8.3	2	.....	4	35	4	.....	4	1	18	4	419	4	26	1		
Southern.....	1	45	7.3	2	.....	4	35	4	.....	4	.....	.....	.....	284	4	.....	.....
Total.....	6	302	8.3	13	2	10	29	59	62	34	34	84	9	383	48	15	233	5	1
Two weeks and one-half month:																			
Eastern.....	2	325	6.7	34	34	21	46	127	55	4	4	.....	.....	483	7	32	37	122	76
Central.....	4	284	8.3	2	12	15	25	42	72	86	27	3	3	410	14	81	119	69	1
Eastern Central.....	6	437	7.6	48	26	33	34	52	95	34	424	23	424	6	95	209	101	19	3
Southern.....	4	531	7.2	87	43	24	31	57	81	171	23	14	14	308	434	66	25	6	.....
Total.....	16	1,577	7.4	171	115	93	136	278	303	345	96	40	40	395	461	274	390	297	96
Grand total.....	22	1,879	7.6	184	117	103	165	337	365	379	180	49	49	398	509	289	423	302	96

MARKERS.

[illegible]

	Two weeks and one-half month:	1	2	3	4	5	6	7	8	9	10	11	12	Total	Grand total.....
Eastern.....	2	19	6.4	3	1	1	5	7	2	....	....	....	....	779	779
Central.....	3	21	8.1	1	1	4	4	3	9	....	....	....	....	788	788
Southern.....	5	31	8.2	1	2	4	7	5	8	2	....	....	....	803	803
Total.....	4	24	9.9	....	....	....	....	6	10	2	6	....	....	612	612
Grand total.....	14	95	8.3	8	3	3	13	18	16	27	4	8	....	779	779
Grand total.....	17	106	8.2	3	3	3	17	18	22	27	5	8	....	764	764

PAINTERS AND PAINT SPRAYERS.

One week:		Two weeks and one-half month:									
		1	2	3	4	5	6	7	8	9	10
Eastern.....	26	7.7	.....	1	2	1	8	14	.....	.....	.....
Central.....	30	8.3	.....	1	.....	5	6	11	.....	.....	.....
Southern.....	32	7.7	8	.....	2	7	6	.....	5	4	.....
Total.....	20	7.3	.....	1	.....	19	.....	.....	.....	.....	.....
Two weeks and one-half month:	6	108	7.8	3	3	4	13	36	31	5	9
Eastern.....	2	106	6.6	10	11	8	24	31	20	2	.....
Central.....	100	8.1	1	1	2	14	21	34	21	6	.....
Southern.....	317	7.3	36	24	18	43	38	76	44	34	4
Total.....	233	8.4	25	7	10	11	30	51	88	10	1
Grand total.....	16	756	7.7	72	43	38	92	120	181	155	49
Grand total.....	22	864	7.7	75	46	42	105	156	212	160	58

PUNCH PRESS HANDS.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—											Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
			Un-der 4.												4 5. 6. 7. 8. 9. 10. 11. and over.											Un-der 35 cts.												35 cts. and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
			4.	5.	6.	7.	8.	9.	10.	11.	and over.	Un-der 4.	5.		6.	7.	8.	9.	10.	11.	and over.	35 cts. and over.	35 cts. and over.	40 cts. and over.	40 cts. and over.	45 cts. and over.	45 cts. and over.	50 cts. and over.	50 cts. and over.	55 cts. and over.	55 cts. and over.	60 cts. and over.	60 cts. and over.	65 cts. and over.	65 cts. and over.	70 cts. and over.	70 cts. and over.	75 cts. and over.	75 cts. and over.	80 cts. and over.	80 cts. and over.	85 cts. and over.	85 cts. and over.	90 cts. and over.	90 cts. and over.	\$1.00 and over.	\$1.00 and over.	\$1.25 and over.	\$1.25 and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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RIVETERS, PNEUMATIC.

RIVET HEATERS AND STICKERS.

One week:	1	6	8.0	1	1	1	2	1	1	80.539																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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SHEAR HANDS.

	One week:	Two weeks and one-half month:	Three weeks and two months:	Four weeks and three months:	Five weeks and four months:	Six weeks and five months:	Seven weeks and six months:	Eight weeks and seven months:	Nine weeks and eight months:	Ten weeks and nine months:	Eleven weeks and ten months:	Twelve weeks and eleven months:	Total
Eastern.....	2	6	8.4	1	3	2	.....	.....	.....	.....	.....	.....	\$0.875
Central.....	15	8.0	1	13	4	.....	.....	.....	.....	.....	.....	.....	.742
Central.....	1	2	7.9	1	1	1	.....	.....	.....	.....	.....	.....	.697
Southern.....	1	3	6.6	2	.....	.....	.....	.....	.....	.....	.....	.....	.691
Total.....	5	26	7.9	1	1	2	.....	.....	.....	.....	.....	.....	.673
Two weeks and one-half month:													
Eastern.....	2	38	6.5	2	3	6	9	14	4	.....	.....	.....	.801
Central.....	4	39	8.5	1	.....	.....	.....	.....	.....	.....	.....	.....	.848
Central.....	6	77	8.9	2	2	7	15	10	4	.....	.....	.....	.823
Southern.....	4	32	9.9	.....	.....	2	4	9	20	17	3	.....	.864
Total.....	16	186	8.5	2	4	9	16	30	46	44	30	5	.781
Grand total.....	21	212	8.4	3	5	9	16	34	64	46	30	5	.764

[illegible]

WHEEL PRESSERS.

[illegible]

WOODWORKING MACHINE HANDS.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

CHEMICALS.

MALES.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver- age hours worked week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earn- ings per hour work- ed.	Employees whose earnings per hour worked were—												
			Un-der 4. 5. 6. 7. 8. 9. 10. 11. 12. and over.													Un-der 15 cts. 15 der cts. 20 cts. 25 cts. 30 cts. 35 cts. 40 cts. 45 cts. 50 cts. and over.												
			4. 5. 6. 7. 8. 9. 10. 11. 12. and over.	4. 5. 6. 7. 8. 9. 10. 11. 12. and over.	4. 5. 6. 7. 8. 9. 10. 11. 12. and over.	4. 5. 6. 7. 8. 9. 10. 11. 12. and over.	4. 5. 6. 7. 8. 9. 10. 11. 12. and over.	4. 5. 6. 7. 8. 9. 10. 11. 12. and over.	4. 5. 6. 7. 8. 9. 10. 11. 12. and over.	4. 5. 6. 7. 8. 9. 10. 11. 12. and over.	4. 5. 6. 7. 8. 9. 10. 11. 12. and over.	4. 5. 6. 7. 8. 9. 10. 11. 12. and over.	4. 5. 6. 7. 8. 9. 10. 11. 12. and over.	4. 5. 6. 7. 8. 9. 10. 11. 12. and over.	4. 5. 6. 7. 8. 9. 10. 11. 12. and over.	4. 5. 6. 7. 8. 9. 10. 11. 12. and over.	4. 5. 6. 7. 8. 9. 10. 11. 12. and over.	4. 5. 6. 7. 8. 9. 10. 11. 12. and over.	4. 5. 6. 7. 8. 9. 10. 11. 12. and over.	4. 5. 6. 7. 8. 9. 10. 11. 12. and over.	4. 5. 6. 7. 8. 9. 10. 11. 12. and over.	4. 5. 6. 7. 8. 9. 10. 11. 12. and over.	4. 5. 6. 7. 8. 9. 10. 11. 12. and over.	4. 5. 6. 7. 8. 9. 10. 11. 12. and over.	4. 5. 6. 7. 8. 9. 10. 11. 12. and over.	4. 5. 6. 7. 8. 9. 10. 11. 12. and over.	4. 5. 6. 7. 8. 9. 10. 11. 12. and over.	
One week:																												
Alabama.....	10	14	10.4												1	90.476												
Georgia.....	12	18	11.4												1	6.450												
Illinois.....	8	28	9.9	1											1	3												
Louisiana.....	4	10	10.4												1	1												
Maryland.....	4	20	9.7												1	1												
Massachusetts.....	4	21	11.8	1											1	1												
Missouri.....	2	11	9.5												1	1												
New Jersey.....	8	47	11.8												1	1												
New York.....	5	31	9.1	1											1	1												
North Carolina.....	7	11	10.4												1	1												
Ohio.....	16	16	10.4												1	1												
Pennsylvania.....	9	98	9.7	10	3										1	1												
South Carolina.....	5	18	10.7												1	1												
Tennessee.....	6	11	10.8												1	1												
Virginia.....	4	13	11.1												1	1												
Wisconsin.....	4	13	8.1												1	1												
Other States.....	1	3	14.7												1	1												
Total.....	92	883	10.3	13	4	1	10	11	43	59	119	23	97			598												

FOREMEN, CHEMICAL OPERATIONS.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Num-ber of em-ploy-ees.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			Un-der 4.													Un-der 15 cts.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			4.	5.	6.	7.	8.	9.	10.	11.	12.	Un-der 15 cts.	17	20		25	30	35	40	45	50	60	70	80	90	and over \$1.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
			and un-der 4.	and un-der 5.	and un-der 6.	and un-der 7.	and un-der 8.	and un-der 9.	and un-der 10.	and un-der 11.	and un-der 12.	and un-der 15 cts.	and un-der 17 cts.	and un-der 20 cts.		and un-der 25 cts.	and un-der 30 cts.	and un-der 35 cts.	and un-der 40 cts.	and un-der 45 cts.	and un-der 50 cts.	and un-der 60 cts.	and un-der 70 cts.	and un-der 80 cts.	and un-der 90 cts.	and over \$1.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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FOREMEN, MECHANICAL OPERATIONS—Continued.

HEATER MEN.

[illegible]

[illegible]

PROCESS MEN, ASSISTANT.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Concluded.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Num-ber of employ-ees.	Employees whose average hours worked per week day for the pay-roll period were—										Employees whose earnings per hour worked were—										
			Aver- age hours worked per week day.										Aver- age earnings per hour worked.										
			4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Two weeks and one-half month:																							
Illinois.....	2	308	8.9	15	8	11	16	64	125	20	23	16	80.452										
Indiana.....	3	678	8.1	85	15	23	45	162	233	45	14	8	484										
Iowa.....	3	100	8.6	7	6	9	13	70	41	45	14	38	351										
Louisiana.....	3	197	8.8	7	8	9	18	10	41	5	4	2	528										
Michigan.....	3	27	8.8	3	1	1	2	10	6	9	4	2	433										
Missouri.....	3	32	8.1	3	3	6	26	24	49	9	7	1	530										
Ohio.....	3	118	8.0	9	3	1	4	18	58	16	2	2	451										
Oklahoma.....	4	66	7.7	11	19	6	14	54	89	16	3	2	451										
Texas.....	6	173	8.2	59	28	42	82	217	162	31	20	38	603										
Other States.....	7	713	8.2	59	28	42	82	217	162	31	20	38	603										
Total.....	38	2,449	8.4	191	77	62	116	210	615	728	227	100	123	571	8	2	38	22	110	196	334	632	408
One month:																							
All States.....	3	20	10.0	1	2	4	1	.....	1	.....	.....	11	483									
Grand total.....	146	5,469	8.9	295	130	156	399	1,071	1,271	883	346	533	500	8	10	80	313	570	968	1,168	1,318	692	414

PROCESS MEN, ASSISTANT—Concluded.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

CIGARS.

MALES.

[Pay-roll period : One week.]

Locality.	Num-ber of estab-lish-ments	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—										Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—											
			Un-der 4.	4. 5.	and un-der 6.	6. 7.	7. 8.	8. 9.	9. 10.	10. 11.	11. and over.	Un-der 20 cts.		20. 25 cts.	25. 30 cts.	30. 35 cts.	35. 40 cts.	40. 45 cts.	45. 50 cts.	50. 60 cts.	60. 70 cts.	70. 80 cts.	80. 90 cts.	90. and over. \$1.	

BUNCH MAKERS, HAND.																														
Baltimore.....	4	19	8.5			1	3	10	5				90.475		1	1	1	1	2	2	3	10								
Binghamton.....	3	6	8.0				4	1	1				.343		2	1	1	4	1	4	11	21	44	20	2	2				
Chicago.....	4	109	8.1	1	2	2	22	79	3				.619																	
Dayton.....	2	2	6.2	1									.402																	
Detroit.....	2	15	7.2		1	1	12	1					.564						2	2	4	4								
New York.....	10	144	8.0	4	3	1	9	24	19				.469	1	1	7	7	21	27	34	28	10	7	1						
Reading.....	3	79	8.2	2		5	12	37	22				.273			6	14	19	18	12	8									
Tampa.....	3	162	8.7	1	1	5	10	92	40	14			.536	2	1	2	6	3	13	23	73	32	7	1						
Other cities.....	5	21	6.9	3	2	1	3	8	4				.320	2		6	7	3	2		1									
Total.....	38	557	8.2	9	6	7	24	90	313	94	14		.486	5	5	23	36	55	70	85	145	90	35	6	2					

BUNCH MAKERS, MACHINE (HAND OR FOOT POWER).

All cities.....	6	48	8.2	1	1	1	2	0	22	13			90.423			4	5	10	12	8	7	2			
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AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY.—Continued.

MALES—Concluded.

Locality.	Num-ber of estab-lish-ments	Num-ber of em-ploy-ees.	Employees whose average hours worked per week day for the pay-roll period were--										Aver-age earnings per hour worked.	Employees whose earnings per hour worked were--										
			Un-der											Un-der										
			4	5	6	7	8	9	10	11	12	13		20	25	30	35	40	45	50	60	70	80	90
			Un-der 4,	Un-der 5,	Un-der 6,	Un-der 7,	Un-der 8,	Un-der 9,	Un-der 10,	Un-der 11,	Un-der 12,	Un-der 13,	Un-der 20 cts.	Un-der 25 cts.	Un-der 30 cts.	Un-der 35 cts.	Un-der 40 cts.	Un-der 45 cts.	Un-der 50 cts.	Un-der 60 cts.	Un-der 70 cts.	Un-der 80 cts.	Un-der 90 cts.	\$1 and over.

PACKERS.

Baltimore.	4	23	7.1	1	2	8	9	1	2	30.432	2	3	5	5	5	3	2	2	1	1	...
Binghamton.	4	35	8.0	...	...	...	18	6	...	...	...	...	413	...	...	...	...	...	...	...	...	...	...
Boston.	4	36	8.8	...	...	...	1	...	...	...	...	...	815	...	...	...	...	...	...	...	...	...	...
Chicago.	5	38	7.0	2	21	12	23	1	...	...	...	...	724	...	...	...	...	...	...	...	...	...	...
Cincinnati.	4	35	6.2	1	3	9	14	1	7	...	...	...	459	...	...	3	2	13	7	10	3	...	...
Cleveland.	2	3	6.5	...	...	...	2	1	...	...	...	...	521	...	...	...	...	...	...	...	...	...	...
Dayton.	2	2	7.9	...	...	...	1	1	...	...	...	...	470	...	...	...	...	1	...	...	...	...	...
Key West.	4	20	7.2	2	...	...	2	2	1	...	...	...	705	...	...	...	...	...	...	...	...	...	...
Lancaster.	2	7	7.6	...	...	...	1	1	3	...	...	...	364	...	...	...	...	...	...	...	...	...	...
New York.	9	111	7.1	7	3	1	14	7	1	...	...	...	637	...	...	2	2	1	7	21	34	17	7
Philadelphia.	3	16	7.6	...	...	...	1	1	...	...	...	...	538	...	...	3	1	0	2	4	2	2	1
Reading.	4	27	7.6	...	...	...	13	10	...	...	...	...	416	...	...	...	...	...	...	...	...	...	...
Tampa.	0	55	8.1	...	...	...	27	9	...	...	...	...	710	...	...	1	0	7	2	3	20	22	7
Other cities.	3	8	7.7	...	...	...	8	...	...	...	...	...	589	...	...	1	...	...	...	...	...	1	1
Total.	55	490	7.2	12	10	41	77	169	91	20	602	1	3	9	19	29	47	40	57	83	70	40
																							8	

ROLLERS, HAND.

Baltimore.....	4	34	8.1	1	1	.....	5	20	7	.....	.....	.....	\$0.499	1	.....	2	1	9	5	9	0	1	.....	
Binghamton.....	4	47	7.0	5	.....	4	7	15	16	.....	.....	.....	845	.....	.....	4	13	10	11	2	1	0	.....	
Chicago.....	4	188	7.8	2	4	5	10	24	113	555	4	2	8	12	23	54	40	13	2
Detroit.....	2	58	7.6	.....	.....	.....	2	1	.....	.....	.....	.....	923	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Key West.....	2	29	8.1	.....	.....	.....	1	11	14	2	.....	.....	357	2	2	3	15	7	57	0	8	.....	.....	.....
New York.....	10	394	7.5	24	7	11	65	143	55	.....	.....	.....	471	2	3	15	36	57	68	96	40	15	2	.....

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES.

Locality.	Num-ber of estab-lish-ments	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—											Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—												
			Employees whose average hours worked per week day for the pay-roll period were—																								
			4	5	6	7	8	9	10	11	Un-der 4.	4 and under 5.	5 and under 6.		6 and under 7.	7 and under 8.	8 and under 9.	9 and under 10.	10 and under 11.	Un-der 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 35 cts.	35 and under 40 cts.	40 and under 45 cts.	45 and under 50 cts.	50 and over 60 cts.

BANDERS, HAND.

Allentown.....	2	7.2	1	2	1	7	6	1	2	18	255	1	1	1	1	7	5	2	2	2	2	2	2
Baltimore.....	5	14	1	1	1	1	1	1	3	1	231	1	1	2	1	1	2	1	1	1	1	1	1
Binghamton.....	3	12	1	1	3	1	9	11	3	11	231	1	2	1	1	2	3	1	3	1	2	1	1
Chicago.....	5	20	8.0	1	3	1	9	6	11	11	261	1	3	1	1	1	1	1	1	1	1	1	1
Cincinnati.....	2	15	6.3	1	3	1	4	7	4	4	194	1	3	1	1	1	1	1	1	1	1	1	1
Cleveland.....	3	35	5.1	10	4	5	5	3	3	3	272	1	1	1	1	1	1	1	1	1	1	1	1
Dayton.....	3	18	5.5	3	2	5	5	3	3	3	240	1	1	1	1	1	1	1	1	1	1	1	1
Detroit.....	3	14	5.0	6	1	1	4	4	3	3	245	1	1	1	1	1	1	1	1	1	1	1	1
Evansville.....	2	39	7.4	1	3	2	9	6	1	1	198	1	1	1	1	1	1	1	1	1	1	1	1
Key West.....	3	35	4.9	1	5	8	1	4	4	4	263	1	1	1	1	1	1	1	1	1	1	1	1
Lancaster.....	2	10	8.2	1	3	2	1	4	5	5	213	1	1	1	1	1	1	1	1	1	1	1	1
New York.....	8	39	7.1	4	6	3	8	15	3	3	339	1	1	1	1	1	1	1	1	1	1	1	1
Philadelphia.....	4	26	7.6	1	3	3	3	10	10	10	244	1	2	1	1	1	1	1	1	1	1	1	1
Reading.....	2	7	7.6	1	1	3	1	5	1	1	265	1	1	1	1	1	1	1	1	1	1	1	1
Tampa.....	5	54	6.5	2	2	21	3	23	1	2	246	1	3	4	3	21	10	9	3	2	1	1	1
Other cities.....	1	3	6.7	1	1	2	1	1	1	1	391	1	1	1	1	1	1	1	1	1	1	1	1
Total.....	53	370	6.6	46	24	56	45	89	84	26	254	4	11	31	23	35	86	74	52	36	10	3	5

BANDERS, MACHINE.

New York.....	5	28	7.9	1	2	1	5	13	6	6	238	1	1	1	1	1	15	11	1	1	1	1	1
Other cities.....	3	13	7.8	2	2	2	2	6	3	3	239	1	1	1	1	1	4	2	2	1	1	1	1
Total.....	8	41	7.9	3	4	3	7	19	9	9	477	2	2	2	2	2	19	13	2	2	2	2	2

BUNCH MAKERS, HAND.

Baltimore.....	4	91	6.8	12	3	1	11	33	31				\$0.393						1	4	2	8	16	20	13	13	11	3	
Birmingham.....	4	131	7.3	9	5	7	20	52	31	27			.365						1	2	4	17	37	49	22	16	6	2	
Chicago.....	2	81	8.0				1		3				.635														2	2	
Cleveland.....	3	5	7.2	6	2	1	10	26	36				.387						1	2	3	14	26	7	7	3			
Detroit.....	6	224	7.1	10	4	12	20	151	27	23			.418									7	12	47	61	43	26	5	
Evanston.....	2	323	8.5	6	11	10	17	34	33	212			.270						3	1	22	103	105	58	21	8	1	1	
Kansas City.....	2	24	8.0				7	13	2				.217						2	1	6	8							
New York.....	9	571	8.1	10	4	10	14	114	313	76			.452						1	2	2	6	26	39	70	117	141	143	24
Pittsburgh.....	2	63	6.5	3	6	6	20	28					.340							2	6	13	3	12	13	18	2	2	
Philadelphia.....	3	28	7.6				4	7	14				.388							2	1	2	4	11	4	7			
Reading.....	3	38	8.7				3	2	20	10			.358							2	1	4	2	5	5	4	12	3	
San Francisco.....	3	63	7.6	1		2	10	20	30	5			.316							3	14	18	9	12	8	2	2		
Total.....	43	1670	7.8	59	35	51	160	475	554	333	3		.398	1	2	6	6	42	147	198	216	265	276	248	224	32	39		

BRUNCH MAKERS, MACHINE (HAND OR FOOT POWER):

[illegible]

CIGAR MAKERS.

	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Boston.....	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Cleveland.....	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Pittsburgh.....	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
St. Louis.....	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Chicago.....	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	9										

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES—Concluded.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—											Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—												
			Un-der 4.	4.	5.	6.	7.	8.	9.	10.	11.	Un-der 12 cts.	12 cts.		14 cts.	16 cts.	18 cts.	20 cts.	25 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	over.	
STEMMERS OR STRIPPERS, HAND.																											
Allentown.....	2	81	7.9	7	3	2	3	3	12	51	1	2	5	14	10	29	19	2	1
Baltimore.....	5	38	7.4	5	1	5	1	4	26	16	50	2	8	16	27	27	57	35	9	1	2	
Birmingham.....	4	184	7.1	16	8	3	3	46	46	50	2	8	16	27	27	57	35	9	1	2	
Boston.....	2	84	7.1	9	2	3	3	30	30	55	2	8	16	27	27	57	35	9	1	2	
Chicago.....	3	98	7.4	8	2	3	8	21	55	1	6	6	2	11	11	27	27	7	1	4	6	1	
Cincinnati.....	3	45	6.3	12	3	7	12	12	6	6	2	11	11	27	27	7	1	4	6	1	
Cleveland.....	4	62	6.6	15	2	5	9	18	43	6	6	2	11	11	27	27	7	1	4	6	1	
Dayton.....	4	61	7.8	12	2	5	9	12	13	43	6	6	2	11	11	27	27	7	1	4	6	1	
Detroit.....	5	153	6.9	13	4	5	35	55	39	2	52	56	70	53	33	32	21	8	2	1	.....	.....	.....	.....	.....
Evansville.....	2	284	7.6	15	25	15	12	62	101	2	62	183	1	7	31	42	38	31	6	1	2	.....	.....	.....	.....
Key West.....	3	137	7.2	3	7	15	24	62	38	8	3	183	1	7	31	42	38	31	6	1	2	.....	.....	.....	.....
Lancaster.....	3	12	8.0	.....	.....	.....	.....	.....	.....	.....	.....	189	1	1	4	1	1	1	2	1	.....	.....	.....	.....	.....
New York.....	11	348	7.9	21	12	9	7	44	108	147	2	233	3	5	8	23	54	122	104	25	4	.....	.....	.....	.....
Philadelphia.....	6	354	7.1	35	17	42	38	63	24	135	.....	188	45	26	54	48	76	48	9	3	1	.....	.....	.....	.....
Reading.....	4	78	7.1	6	1	8	10	22	25	6	.....	246	1	3	8	26	27	13	.....	.....	.....	.....	.....	.....	.....
Tampa.....	0	238	8.2	7	3	8	26	34	103	77	.....	196	16	22	49	34	25	53	54	5	.....	.....	.....	.....	.....
Other cities.....	1	5	9.0	.....	.....	.....	.....	.....	.....	.....	.....	167	1	.....	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	71	2,342	7.4	164	90	130	290	492	636	486	54	201	140	159	259	273	289	594	456	117	33	10	9	2	1		

STEMMERS OR STRIPPERS, HAND.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued

CLOTHING. MEN'S.

MALES.

Pay-roll period: One week.

[illegible]

CUTTERS (MACHINE), LINING.

[illegible]

EXAMINERS, SHOP AND STOCKROOM.

[illegible]

FITTERS AND TRIMMERS, COATS.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Locality.	Num-ber of estab-lish-ments.	Employees whose average hours worked per week day for the pay-roll period were—												Employees whose earnings per hour worked were—														
		Average hours worked per week day.												Average earnings per hour worked.														
		Un-der 4.	4 and 5.	5 and 6.	6 and 7.	7 and 8.	8 and 9.	9 and 10.	10 and 11.	11 and 12.	12 and over.	Un-der 20 cts.	20 and 25 cts.	25 and 30 cts.	30 and 35 cts.	35 and 40 cts.	40 and 45 cts.	45 and 50 cts.	50 and 60 cts.	60 and 70 cts.	70 and 80 cts.	80 and 90 cts.	90 cts. and \$1.	\$1.25 and over.				
Chicago.....	2	5				1	3	1						\$0.486						1	2	1	3					
Indianapolis.....	2	8					2	1						.403														
New York.....	8	13				1	4	7	1					.537			1	1	1	1	2	1	2	1	3			
Rochester.....	4	8		3		2		6						.524														
Other cities.....	2	4				2	2							.744									1					
Total.....	18	33		3	3	4	11	15	1					.539			1	1	3	7	2	2	0	5	2	3	1	

FITTERS AND TRIMMERS, PANTS.

Chicago.....	2	5	7.2			1	3	1						\$0.486						1	2	1	3					
Indianapolis.....	2	8	7.9				2	1						.403														
New York.....	8	13	7.9			1	4	7	1					.537			1	1	1	1	2	1	2	1	3			
Rochester.....	4	8	7.5		3			6						.524														
Other cities.....	2	4	7.1			2	2							.744														
Total.....	18	33	7.0		3	4	11	15	1					.539			1	1	3	7	2	2	0	5	2	3	1	

FITTERS AND TRIMMERS, VESTS.

Baltimore.....	3	7	7.0		1	2	2	2						\$0.683						2								
Boston.....	3	4	7.8				1	3						.551														
Chicago.....	3	19	7.5		1	2	11	1		8				.607			1	2	3	1	1	1		1	3	1	2	
Cincinnati.....	2	2	5.5						1					.339														
New York.....	4	5	7.4			2		3						.605								1	1	2	1	1		
Philadelphia.....	2	3	8.0											.318														
Rochester.....	3	5	7.7			1	1	4	1					.453														
Other cities.....	4	4	8.3											.509														
Total.....	23	49	7.5	1	2	2	6	15	18	2	3			.608			2	3	0	3	5	2	8	5	4	5	3	

HAND SEWERS, COATS.

Chicago.....	3	54	7.5	3	3	6	12	26	2	.....	1	.....	3	1	9	13	14	6	3	1	2	.....	1	.....
Newark.....	2	8	8.0	.....	.....	.....	1	2	.....	.....	\$0.499	.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York.....	2	5	7.4	.....	.....	.....	4	1	.....	.....	.831	.....	.....	2	1	2	.....	.....	.....	.....	.....	.....	.....	.....
Philadelphia.....	2	2	8.6	.....	.....	.....	.....	1	.....	.....	.857	.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other cities.....	1	2	6.7	.....	.....	2	.....	.....	1	.....	.406	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....
Total.....	10	66	7.5	3	3	8	17	32	3446	1	6	4	13	15	14	6	3	1	2	1

OPERATORS, COATS.

Baltimore.....	4	285	7.7	3	5	12	8	62	142	3	.....	.....	.....	.....	.....	6	5	12	89	97	9	6	5	6	.....
Boston.....	7	87	7.0	4	1	1	4	2	66	3	.....	.....	.....	.....	.....	2	4	12	28	22	14	3	1	1	.....
Buffalo.....	1	32	8.0	.....	.....	.....	.....	.....	.....	.....	.536	.....	.....	.....	.....	3	.....	6	15	3	2	.....	.....	.....	.....
Chicago.....	6	470	7.6	17	7	15	28	174	218	11	.....	.965	1	3	5	10	83	140	85	51	21	7	1	.....	.....
Cincinnati.....	6	24	7.9	1	1	.....	.....	.....	.....	2	.....	.433	.....	.....	.....	2	5	6	5	5	.....	.....	.....	.....	.....
Cleveland.....	3	15	7.3	2	.....	.....	1	3	6	2	1	.905	.....	.....	.....	1	1	3	7	2	1	.....	.....	.....	.....
Indianapolis.....	2	15	7.8	.....	.....	.....	.....	.....	.....	.....	.....	.844	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Newark.....	5	45	7.3	2	.....	.....	.....	21	11	.....	.....	.852	.....	.....	.....	1	3	8	4	5	3	.....	.....	.....	.....
New York.....	10	309	7.0	23	6	1	23	15	127	53	1	.639	.....	.....	.....	11	14	19	95	69	64	15	7	12	.....
Philadelphia.....	8	205	7.8	3	4	7	19	26	114	31	6	.909	2	1	2	6	17	72	32	17	7	7	11	.....	.....
Rochester.....	4	161	7.9	2	2	2	4	27	113	11	.....	.952	.....	.....	.....	1	15	24	67	34	15	.....	.....	.....	.....
St. Louis.....	3	11	7.5	2	.....	.....	.....	.....	9	.....	.....	.407	.....	.....	2	1	2	3	.....	.....	.....	.....	.....	.....	.....
Total.....	62	1,603	7.0	59	30	40	95	459	800	116	7	.591	3	5	11	24	64	107	531	359	177	70	28	34	.....

OPERATORS, PANTS.

Baltimore.....	2	106	7.0	3	20	10	51	22	\$0.612	4	6	4	2	5	37	22	16	1	3	6
Boston.....	8	39	7.1	2	3	1	1	7	25680	1	1	2	2	8	14	5	4	2	1
Buffalo.....	3	19	7.0	.....	.....	.....	.....	.....	.....	.....	.....	.634	.....	.....	.....	.....	3	2	4	6	.....	.....	.....	.....	.....
Chicago.....	5	160	6.9	4	5	21	56	46	12	8	7	.655	2	3	3	13	15	23	41	39	12	6	2	1	.....
New York.....	7	145	7.7	1	1	2	14	32	95	.....	.....	.713	.....	.....	3	9	5	4	5	10	27	33	19	18	13
Philadelphia.....	3	19	8.6	.....	.....	.....	.....	2	8	9	.....	.618	.....	.....	1	1	1	1	4	7	3	1	.....	.....	.....
Rochester.....	4	18	8.1	.....	.....	.....	1	3	13	1	.....	.474	.....	.....	.....	2	3	2	2	2	1	.....	.....	.....	.....
St. Louis.....	4	15	8.3	.....	.....	.....	.....	.....	14	.....	.....	.415	.....	.....	2	1	3	3	4	2	.....	.....	.....	.....	.....
Other cities.....	3	17	7.7	.....	.....	.....	3	6	7	1	.....	.617	.....	.....	2	.....	.....	1	4	7	3	.....	.....	.....	.....
Total.....	39	538	7.3	7	13	49	86	180	206	19	7	.599	4	16	23	29	33	58	129	106	68	28	24	20

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Locality.	Num-ber of estab-lish-ments.	Num-ber of em-ploy-ees.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—													
				Un-der 4.													Un-der 20 cts.	25 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1 and under.	\$1.25 and over.	
				4 and under 5.	5 and under 6.	6 and under 7.	7 and under 8.	8 and under 9.	9 and under 10.	10 and under 11.	11 and under 12.	12 and over.																		
OPERATORS, VESTS.																														
Baltimore.....	2	39	7.7	1		3	11	23	1					30.635					2	1	1	6	26		1	2				
Boston.....	4	14	7.8				5	9						.645							2	3	4	2	2					
Buffalo.....	2	5	8.9			1	23	41	2		1			.474					1	1	2	3								
Chicago.....	3	79	7.5	3	2	6	2	3						.650					2	4	8	16	20	16	10	2	1			
Cleveland.....	2	6	6.4	1										.488					1											
Newark.....	3	8	8.3				7	1						.553							2	4	2							
New York.....	4	28	7.3			3	6	3	16					.630					1		2	12	6	5	1	2				
Philadelphia.....	4	17	5.6	1			3	12						.574					1	1	2	6	4	2						
Rochester.....	3	9	7.9			1	1	1						.547					2	1	1		3	1						
Other cities.....	2	3	7.9			1		1						.353					1		1									
Total.....	29	208	7.4	6	2	7	19	50	116	7	1			.616					11	8	21	51	63	28	16	4	3			

PRESSERS (HAND), COATS.

Baltimore.....	4	129	7.4	5	4	5	7	19	88	1			\$0.592					2	1	7	29	76						
Boston.....	5	36	6.7	5	1	1	1	25	4				.610					1	2	5	6	10	6	2	1			
Buffalo.....	5	35	7.4	1	5	5	13	16					.559							30								
Chicago.....	5	470	7.2	13	10	32	55	226	133		1		.611					17	32	119	168	88	15	4	1			
Cincinnati.....	9	93	7.9	3	1	7	2	74	6				.401					22	14	29	8	2						
Cleveland.....	2	6	8.1			1	1						.449					2	2	2	1							
Indianapolis.....	2	49	6.8	1	2	3	6	36	1				.464					7	5	6	28							
Newark.....	5	29	6.8	4	1		2	14	8				.652					1	1	7	6	6	5	1				
New York.....	10	168	7.8	1	1	2	16	73	46	29			.542					3	10	18	92	33	5					
Philadelphia.....	7	92	8.2	1	1	2	3	7	68	7	2		.497					11	25	13	16	6	10	3				
Rochester.....	4	215	7.3	2	3	12	46	49	101	2			.535					9	18	23	161	3						
St. Louis.....	2	3	5.9	1			2						.497						2	1								
Total.....	60	1,325	7.4	36	21	56	146	434	578	49	2	1	.538					50	67	119	126	496	305	115	23	7	2	

**AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.**

MALES—Concluded.

Locality.	Num-ber of estab-lish-ment's.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earn-ings per hour and work-ed.	Employees whose earnings per hour worked were—												
		Un-der 4.													Un-der 20 cts.												
		4	5	6	7	8	9	10	11	12	13	14	15		20	25	30	35	40	45	50	60	70	80	90	\$1. and over.	
		Un-der 4.	Un-der 5.	Un-der 6.	Un-der 7.	Un-der 8.	Un-der 9.	Un-der 10.	Un-der 11.	Un-der 12.	Un-der 13.	Un-der 14.	Un-der 15.	Un-der 20 cts.	Un-der 25 cts.	Un-der 30 cts.	Un-der 35 cts.	Un-der 40 cts.	Un-der 45 cts.	Un-der 50 cts.	Un-der 60 cts.	Un-der 70 cts.	Un-der 80 cts.	Un-der 90 cts.	Un-der \$1.		
PRESSERS (MACHINE), PANTS.																											
Baltimore.....	2	49	7.1	3	5	6	18	17							\$0.789	2				1	2	11	15	2	7	5	6
Boston.....	4	11	7.6				7	4							.571					3	1	4	2				
Buffalo.....	4	11	7.9				2	9							.447					8	2	3	4	2			
Chicago.....	3	116	6.9	4	28	12	7	30	5	11					.605	1	2	10	11	8	10	16	38	2	1	9	9
Cincinnati.....	8	24	7.7	1	1		1	13	1						.388		2	7	5	3	1	5					
Indianapolis.....	2	9	7.7				1	6	2						.367		1	4	1	2	1						
New York.....	4	19	8.2	1	1	1	5	3	9						.634					1	2	3	6	2	4		
Philadelphia.....	2	12	7.5	1	1	1	1	7	2						.606		1	2	2	3	5	12	9			1	
Rochester.....	3	39	8.3				1	4	23	2					.607		1	2	8	4	5	12	9				
St. Louis.....	3	23	8.2	1	1		1	4	20						.374	1	1	5	9	4	2	1					
Other cities.....	1	8	8.0					8							.595												
Total.....	36	321	7.5	9	30	19	71	146	19	11					.568	4	7	29	33	31	29	57	80	8	12	15	10

PRESSERS (MACHINE), PANTS.

PRESSERS (MACHINE), VESTS.

Baltimore.....	3	14	7.7		2		2	8	2						\$0.551				1	1	2	0	3	1			
Buffalo.....	4	7	8.2					5	1						.390				1	4	2	4	5	7	4	1	1
Chicago.....	3	21	7.4	2	1	1	13	13	1						.581		1	1	4	2	4	5	7	4	1	1	1
Cincinnati.....	2	4	8.3				4								.451				1	2	1		1				
New York.....	3	3	8.6			1	1								.418				1	1		1					
Rochester.....	4	20	8.0	1			2	15	2						.575				4	1	3	4	2	4	2	4	2
Other cities.....	3	5	8.0					5							.633				1			1			1	2	
Total.....	22	84	7.7	2	2	3	17	51	6						.560	1	4	15	0	11	17	13	10	5	1	1	1

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES.

BASTERS (HAND), COATS.

Locality.	Num-ber of estab-lish-ments.	Num-ber of hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—										Average earnings per hour worked.	Employees whose earnings per hour worked were—														
			Un-der 4.	4 and over 5.	5 and over 6.	6 and over 7.	7 and over 8.	8 and over 9.	9 and over 10.	10 and over 11.	11 and over 12.	12 and over.		Un-der 12 cts.	12 and over 14 cts.	14 and over 16 cts.	16 and over 18 cts.	18 and over 20 cts.	20 and over 25 cts.	25 and over 30 cts.	30 and over 35 cts.	35 and over 40 cts.	40 and over 45 cts.	45 and over 50 cts.	50 and over 60 cts.	60 and over 70 cts.	70 and over.	
Baltimore.	4	83	7.1	3	3	0	10	13	45					\$0.379				8	5	13	5	15	12	16	3	4	2	
Boston.	6	36	7.3			1	4	28	3					.315					1	19	7	5	7	1	1			
Buffalo.	5	20	7.7			1	7	18	9	5				.323					3	4	11	11	8	3	2			
Chicago.	4	327	7.3	11	3	22	41	123	173	1				.406				3	1	14	33	51	56	57	51	23	10	2
Cincinnati.	9	51	7.4	1	1	9	4	7	26	3				.269				2	5	13	19	5	5	2				
Cleveland.	2	14	7.6	1				2	11					.315								1	1	1				
Indianapolis.	2	49	7.6			5	2	21	20	1				.308			1	2	3	3	12	15	10	1	1			
Newark.	5	23	7.4	1				16	6					.332				1	4	6	3	4	5					
New York.	8	25	8.6				3	8	3		3			.392					3		4	11	3		1	3		
Philadelphia.	6	65	7.2	8	1			5	47	1				.297			4	2	3	8	22	8	10	4	3	1		
Rochester.	4	199	7.2	8	4	16	33	52	86					.332					1	22	45	63	31	26	8	3		
Other cities.	1	1	7.7					1						.336							1							
Total.	56	913	7.3	33	12	63	110	291	384	14		3		.356		1	5	9	22	77	186	177	162	114	86	53	17	4

BASTERS (HAND), PANTS.

Locality.	Num-ber of estab-lish-ments	Num-ber of employ-ees.	Average hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—										Average earnings per hour worked.	Employees whose earnings per hour worked were—														
				for the pay-roll period were—																									
				Un-der 4.	4 and over 5.	5 and over 6.	6 and over 7.	7 and over 8.	8 and over 9.	9 and over 10.	10 and over 11.	11 and over 12.	12 and over.		Un-der 12 cts.	12 and over 14 cts.	14 and over 16 cts.	16 and over 18 cts.	18 and over 20 cts.	20 and over 25 cts.	25 and over 30 cts.	30 and over 35 cts.	35 and over 40 cts.	40 and over 45 cts.	45 and over 50 cts.	50 and over 60 cts.	60 and over 70 cts.	70 and over.	
Baltimore.....	2	5	7.7					5						\$0.392															
Boston.....	8	11	7.1					2	3	4				.312						2	2	2	1	1	1				
Chicago.....	3	25	7.5	3	1	1	1	3	14	2	1			.264						9	10	4	1						
Cincinnati.....	3	11	7.4					1	6					.237					2		1	1							
Indianapolis.....	2	2	7.8					1	1					.291						3	2	2							
New York.....	5	9	7.0	1				4	3					.280						3	2	3							
Philadelphia.....	3	12	7.9					2	1	8				.217			3	2											
Rochester.....	5	22	8.2					2	14					.295					3	1	5	6							
Total.....	31	97	7.5	4	2	4	9	19	50	8	1			.276			1	5	8	7	15	23	21	11	4	1	1		

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES—Continued.

Locality.	Num-ber of en-lish-ment-employees.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—											
			Un-der 4.	4 and 5.	5 and 6.	6 and 7.	7 and 8.	8 and 9.	9 and 10.	10 and 11.	11 and 12.	Un-der 12 cts.	12 and 14 cts.	14 and 16 cts.		16 and 18 cts.	18 and 20 cts.	20 and 25 cts.	25 and 30 cts.	30 and 35 cts.	35 and 40 cts.	40 and 45 cts.	45 and 50 cts.	50 and 60 cts.	60 and 70 cts.	70 and over.	
BUSHELMERS AND TAILORS.																											
Boston.....	2	6	7.9	1				1	5				\$0.452	1	1	1				1	1		3	1			
Buffalo.....	2	4	6.0	1				1	2				.179							1	5	6	4	3	2		
Chicago.....	4	23	7.7				1	3	4	15			.380						2	2	2	1					
Cincinnati.....	4	7	6.5				4	1					.290						2								
Cleveland.....	2	2	8.0						2	3			.334						3								
Indianapolis.....	2	9	7.7					3	2	3	1		.282						4	3	1			1			
New York.....	7	10	7.9					1	3	5	1		.370						1	1	2	5	3				
Rochester.....	4	8	7.9						2	6			.344							2	3	1					
Other cities.....	2	2	7.1				1			1			.323							2	2						
Total.....	29	71	7.5	1	6	9	12	41	2				.345	1	1	2	7	12	13	17	8	7	3				
EXAMINERS, SHOP AND STOCK ROOM.																											
Baltimore.....	3	17	4.1	1	1	1	2	3	10				\$0.295		1		1	2				3	2				
Chicago.....	3	45	6.9	5	1	1	15	5	17	1			.375				1	6	6	12	11	8	3				
Cincinnati.....	4	5	8.6					4	1				.248				1	2	1	1	2		3				
Cleveland.....	3	10	7.8					8					.385				1	2	1	3	2						
New York.....	2	6	8.6					2	1				.290				1	4	1			2					
Philadelphia.....	3	9	6.6	1	1	1		2	4	3			.272				2	3	1	2	1						
Rochester.....	5	9	7.9					2	7				.352				3	1	1	1	1		2				
St. Louis.....	3	22	7.5	1	1	1	4	2	14				.228				2	16	3			1					
Other cities.....	1	2	8.2					2					.388										1				
Total.....	27	125	6.9	8	4	3	21	17	67	2	3		.321		1	3	4	24	28	18	20	15	5	6			

FITTERS AND TRIMMERS, COATS.

Cincinnati.....	3	4	7.1	2	1	1		\$0.278	1	2		
New York.....	2	3	8.1	1	2			.294	3			
Other cities.....	2	4	7.6	4				.492	1			2
Total.....	7	11	7.5	2	5	3	1	.357	1	5	2	2

FITTERS AND TRIMMERS, PANTS.

[illegible]

FITTERS AND TRIMMERS, VESTS.

[illegible]

HAND SEWERS, COATS,

Baltimore.....	4	366	7.0	11	12	27	88	94	124	9	1															
Boston.....	2	177	7.5	2	5	10	10	86	15	1																
Chicago.....	5	170	7.3	3	22	49	127	353	423	1																
Cincinnati.....	1	1,024	7.4	40	22	19	370	353	423	1																
Cleveland.....	10	214	7.4	9	5	16	50	83	117	6	1															
Columbus.....	4	40	6.6	3	2	11	33	10	15	1																
Indianapolis.....	2	118	7.6	3	2	5	11	38	56	1																
Newark.....	5	35	7.5	3	2	1	1	90	11	1																
New York.....	11	304	7.5	11	8	6	39	86	116	37	3															
Philadelphia.....	10	187	7.5	11	3	10	20	16	112	14	1															
Pittsburgh.....	4	399	7.4	13	3	27	48	87	321	1																
Rochester.....	3	13	7.9	1	1	1	2	10	1	1																
St. Louis.....																										
Total.....	71	2,907	7.3	108	63	163	401	833	1274	70	5	334		8	24	51	83	322	570	633	488	366	189	113	23	1

**AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.**

FEMALES—Continued.

Locality.	Num-ber of estab-lish-ments.	Aver-age hours work-ed per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—												
			Un-der 4.													Un-der 12 cts.	12 and under 14 cts.											
			4 and under 5.	5 and under 6.	6 and under 7.	7 and under 8.	8 and under 9.	9 and under 10.	10 and under 11.	11 and under 12.	12 and over.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.			20 and under 25 cts.	25 and under 30 cts.	30 and under 35 cts.	35 and under 40 cts.	40 and under 45 cts.	45 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 and over.			
HAND SEWERS, PANTS.																												
Baltimore.....	3	41	6.4	3	2	7	17	8	8	4	.....	.....	.....	.....	.....	.....	.....	3	6	4	1	5	8	3	1	1
Boston.....	6	19	7.2	.....	.....	.....	6	8	5	5	.....	.....	.....	.....	.....	.....	.....	8	5	.....	.....	.....	.....	.....	.....	.....
Buffalo.....	3	17	7.2	1	.....	.....	3	17	63	1	.....	.....	.....	.....	.....	.....	.....	21	37	33	4	6	.....	.....	.....	.....
Chicago.....	4	111	7.4	9	6	5	10	10	25	1	.....	1	1	1	1	1	1	21	2	2	5	1	1	1	1	1	
Cincinnati.....	7	45	7.5	.....	2	3	4	19	6	.....	.....	.....	.....	.....	.....	.....	.....	12	8	6	1	1	.....	.....	.....	.....
Indianapolis.....	2	44	6.6	2	2	9	6	10	2	.....	.....	.....	.....	.....	.....	.....	.....	12	8	10	4	3	1	1	2	.....	
New York.....	7	35	7.5	.....	.....	3	5	17	8	1	.....	1	.....	.....	.....	.....	.....	3	8	3	1	1	.....	.....	.....	.....
Philadelphia.....	2	20	7.0	3	.....	1	.....	3	11	2	.....	.....	.....	.....	.....	.....	.....	8	3	10	4	3	1	1	2	.....	
Rochester.....	5	70	7.8	1	.....	.....	2	12	47	5	.....	.....	.....	.....	.....	.....	.....	11	17	14	17	5	1	2	.....	.....
St. Louis.....	2	35	6.6	3	7	3	4	2	16	3	.....	.....	.....	.....	.....	.....	.....	5	13	2	.....	.....	.....	.....	.....	.....
Other cities.....	1	3	8.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	42	440	7.2	22	19	34	57	101	196	10	1	37	102	96	76	42	19	13	8	1	1	
HAND SEWERS, VESTS.																												
Baltimore.....	3	47	6.9	.....	1	13	3	13	16	1	.....	.....	.....	.....	.....	.....	.....	4	14	6	8	3	3	3	.....	.....
Boston.....	4	19	6.8	.....	1	.....	.....	7	10	.....	.....	.....	.....	.....	.....	.....	.....	3	5	1	2	1	3	.....	.....	.....
Buffalo.....	4	18	7.7	.....	.....	.....	2	6	10	.....	.....	.....	.....	.....	.....	.....	.....	2	5	8	.....	.....	.....	.....	.....	.....
Chicago.....	3	283	7.7	31	14	9	14	31	182	2	.....	1	2	2	13	16	65	72	81	17	7	7	1	1	1	1	
Cincinnati.....	7	42	7.8	1	.....	.....	6	3	32	.....	.....	.....	.....	.....	.....	.....	.....	11	7	1	1	1	.....	.....	.....	.....
Cleveland.....	2	20	7.1	1	.....	1	6	3	9	.....	.....	.....	.....	.....	.....	.....	.....	3	5	7	5	2	.....	.....	.....	.....
Indianapolis.....	2	19	6.9	1	.....	4	4	4	6	.....	.....	.....	.....	.....	.....	.....	.....	1	6	3	.....	.....	.....	.....	.....	.....
Newark.....	3	5	8.1	.....	.....	.....	.....	5	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	1	2	.....	.....	.....	.....	.....
New York.....	4	27	6.5	1	1	10	1	7	7	.....	.....	.....	.....	.....	.....	.....	.....	2	5	2	8	5	3	2	.....	.....
Philadelphia.....	4	20	7.5	1	.....	.....	1	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	2	2	4	2	2	.....	.....	.....
Rochester.....	6	97	7.6	3	.....	3	5	15	71	.....	.....	.....	.....	.....	.....	.....	.....	14	25	27	13	8	3	2	.....	.....
Total.....	42	597	7.2	40	17	41	41	91	364	3	.....	8	.....	8	15	34	68	135	124	123	39	22	16	1	4	4

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES—Concluded.

Locality.	Num-ber of estab-lish-ments.	Aver- age hours work- ed per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earn- ings per hour work- ed.	Employees whose earnings per hour worked were—													
			Un-der 4.													Un-der 12 cts.	Un-der 12 cts.												
			4 and 5.	5 and 6.	6 and 7.	7 and 8.	8 and 9.	9 and 10.	10 and 11.	11 and 12.	12 and over.	12 and 14 cts.	14 and 16 cts.	16 and 18 cts.			18 and 20 cts.	20 and 25 cts.	25 and 30 cts.	30 and 35 cts.	35 and 40 cts.	40 and 45 cts.	45 and 50 cts.	50 and 60 cts.	60 and 70 cts.	70 and over.			
PRESSERS (HAND), COATS.																													
All cities.....	2	28	6.6	2	2	4	2	5	11	2																			
PRESSERS (HAND), PANTS.																													
All cities.....	8	12	7.7					6	6																				
PRESSERS (HAND), VESTS.																													
Chicago.....	3	23	7.2		1	1	6	6	9																				
Other cities.....	4	6	7.5			2	1	3																					
Total.....	7	29	7.3		1	1	8	7	12																				
PRESSERS (MACHINE), COATS.																													
Chicago.....	2	6	7.5					4	1																				
Cleveland.....	2	6	6.4	1		2		3																					
Other cities.....	2	5	5.8		1	2	1	1																					
Total.....	6	16	6.0	1	1	4	1	5	4																				

PRESSERS (MACHINE), PANTS.

All cities.....	3	21	7.0	3	6	8	4	\$0.238	2	8	7	1	2	1
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PRESSERS (MACHINE), VESTS.

All cities.....	2	5	7.1	2	3	\$0.245	1	1	8
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SHAPERS, COATS.

Cincinnati.....	2	2	6.9	1	1	\$0.360	1	1
Other cities.....	2	10	7.7	1	3	6385	1	3	2	2	1	1
Total.....	6	12	7.6	.....	.....	1	1	3	7	.....	.381	.....	.....	.....	.....	2	3	2	3	1	1	.....

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES.

Locality.	Num-ber of estab-lish-ments.	Num-ber of em-ploy-ees.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—										Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—															
				Un-der 4.											Un-der 12 cts.	12 cts.	14 cts.	16 cts.	18 cts.	20 cts.	25 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	over.
				4.	5.	6.	7.	8.	9.	10.																				

CLEANERS.

All cities.....	2	10	7.3	1	1	2	6	\$0.164	2	1	1	6
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EXAMINERS.

Chicago.....	3	7	7.2	1	5	1	\$0.247	2	2	1	1
Cincinnati.....	3	3	7.9	1	2256	1
New York.....	2	9	8.4	2	6	1268	6
Philadelphia.....	2	20	7.5	.....	.....	.....	2	6	12	.....	.267	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other cities.....	4	9	7.8	.....	.....	.....	2	7	.....	.....	.226	.....	.....	2	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	14	48	7.7	1	.....	.....	4	14	28	1	.252	.....	.....	5	4	1	13	10	12	1	1	.....	1	.....	.....	.....

FINISHERS.

Chicago.....	2	3	7.7	.....	.....	.....	2	1	.....	.....	\$0.247	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York.....	2	8	8.1	.....	.....	.....	3	5	.....	.....	.308	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Philadelphia.....	3	7	8.1	.....	.....	.....	.....	.....	.....	.....	.282	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Louis.....	2	12	8.2	.....	.....	.....	1	.....	.....	.....	.213	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other cities.....	2	23	7.2	2	1	.....	2	17	.....	.....	.266	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	11	53	7.7	2	1	.....	3	6	41	.....	.262	.....	.....	3	3	6	12	12	11	6	.....	.....	.....	.....	.....	.....

FOLDERS.

Elmhurst.....	2	2	7.9	1	1	\$0.191	1	1	.....
Other cities.....	1	10	7.5	10	2	.148	3	2	.....
Total.....	3	12	7.6	11	2	.155	3	2	.....

OPERATORS, GENERAL,

[illegible]

OPERATORS, SPECIAL MACHINE.

[illegible]

PRESSERS.

[illegible]

SAMPLE MAKERS.

Philadelphia.....	4	9	1	1	2	5	\$0.353	.....	.....	.....	2	3	4	.....
Other cities.....	6	11	2	1	1	6	.306	.....	.....	.....	2	3	1	.....
Total.....	10	20	3	1	2	3	.340	.....	.....	.....	4	6	5	.....

**AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.**

CLOTHING, WOMEN'S: CLOAKS, SUITS, AND SKIRTS.

MALES.

[Pay-roll period: One week.]

Locality.	Num-ber of estab-lish-ments.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—								Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—													
			Un-der 4.	4 and der 5.	5 and der 6.	6 and der 7.	7 and der 8.	8 and der 9.	9 and der 10.	10 and der 11.		Un-der 30 cts.	30 and der 35 cts.	35 and der 40 cts.	40 and der 45 cts.	45 and der 50 cts.	50 and der 60 cts.	60 and der 70 cts.	70 and der 80 cts.	80 and der 90 cts.	90 cts. and un-der \$1.	\$1. and un-der \$1.25.	\$1.25 and un-der \$1.50.	\$1.50 and over.	
Cleveland.....	3	4	7.9					1	3			\$0.421				2	1		1						
Philadelphia.....	4	14	8.6				1	1	6	6		.592				2	1		4	4	3				
Other cities.....	2	7	8.5							1		.372	3	1	1				2						
Total.....	9	25	8.5				1	2	15	7		.503	3	1	5	2		7	4	3					

ASSORTERS AND TRIMMERS.

Cleveland.....	3	4	7.9					1	3			\$0.421				2	1		1						
Philadelphia.....	4	14	8.6				1	1	6	6		.592				2	1		4	4	3				
Other cities.....	2	7	8.5							1		.372	3	1	1				2						
Total.....	9	25	8.5				1	2	15	7		.503	3	1	5	2		7	4	3					

BUSHELERS.

Cleveland.....	2	5	7.5			1		1	2	1		\$0.519						1	2	1					
New York.....	6	20	8.0				2	2	16			.419	1	2	5	9		1	1	1					
Philadelphia.....	3	6	8.7							2		.498		2	1			1	1						
Other cities.....	3	4	8.1						4			.503					2	2							
Total.....	14	35	8.1			1	2	3	23	3		.456	1	4	6	10	5	6	1	1		1			

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Concluded.

Locality.	Num-ber of estab-lish-ments.	Aver- age hours worked per week day.	Employees whose average hours worked—								Average earnings per hour worked.	Employees whose earnings per hour worked were—									
			per week day for the pay-roll period were—																		
			Un-der 4.	4 and 5.	5 and 6.	6 and 7.	7 and 8.	8 and 9.	9 and 10.	10 and 11.		Un-der 30 cts.	30 and 35 cts.	35 and 40 cts.	40 and 45 cts.	45 and 50 cts.	50 and 60 cts.	60 and 70 cts.	70 and 80 cts.	80 and 90 cts.	90 cts. and over.

FINISHERS.

Baltimore.....	2	8.3	.....	.....	.....	.....	.....	4	1	.....	2	1	2	1	4	6	1	.....	.....	.....
Boston.....	6	8.2	.....	.....	.....	.....	1	18	1	.....	1	3	8	4	6	9	2	.....	.....	.....
Chicago.....	20	8.3	.....	.....	.....	.....	5	16	9	.....	3	8	8	6	5	1	1	.....	.....	.....
Cincinnati.....	6	8.5	.....	.....	.....	.....	1	4	3	.....	1	1	1	4	5	1	.....	.....	.....	.....
New York.....	8	8.1	.....	.....	.....	.....	35	69	41	.....	6	18	25	12	31	10	24	9	6	1
Philadelphia.....	11	8.1	.....	.....	.....	.....	4	9	4	.....	2	1	5	2	3	3	.....	.....	.....	.....
St. Louis.....	16	8.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other cities.....	3	10.2	.....	.....	.....	.....	.....	1	1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	2	7.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	38	8.2	6	3	3	4	47	122	59	11	15	33	43	27	53	28	25	10	6	1

OPERATORS, GENERAL.

Baltimore.....	5	32	8.3	.....	.....	.....	.....	3	29	1	.....	.....	.....	1	1	2	5	7	2	.....				
Boston.....	7	30	7.9	.....	.....	.....	.....	8	54	1	.....	.....	.....	1	1	18	18	16	11	.....				
Chicago.....	7	129	7.8	.....	.....	.....	.....	9	88	16	.....	.....	.....	1	7	17	12	10	19	.....				
Cincinnati.....	7	68	7.8	.....	.....	.....	.....	1	10	56	.....	.....	.....	1	5	10	10	7	4	.....				
Cleveland.....	6	162	7.6	.....	.....	.....	.....	1	30	105	.....	.....	.....	2	2	13	23	19	20	.....				
New York.....	10	361	8.4	.....	.....	.....	.....	4	11	100	.....	.....	.....	3	3	23	34	39	27	.....				
Philadelphia.....	6	176	8.8	.....	.....	.....	.....	2	28	200	101	.....	.....	2	6	33	51	87	79	.....				
St. Louis.....	4	38	9.2	.....	.....	.....	.....	2	91	80	.....	.....	.....	1	7	16	22	21	50	.....				
Total.....	52	1,036	8.2	11	5	17	53	91	629	208	22	1	4	9	14	22	92	138	173	159	174	74	18	5	1

**AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.**

FEMALES.

Locality.	Num-ber of estab-lish-ments.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—										Aver-age earnings per hour work-ed.	Employees whose earnings per hour worked were—													
			Un-der 4.	4 and 5.	5 and 6.	6 and 7.	7 and 8.	8 and 9.	9 and 10.	10 and 11.	Un-der 12 cts.	12 and 14 cts.		14 and 16 cts.	16 and 18 cts.	18 and 20 cts.	20 and 25 cts.	25 and 30 cts.	30 and 35 cts.	35 and 40 cts.	40 and 45 cts.	45 and 50 cts.	50 and 60 cts.	60 and 70 cts.	70 and 80 cts.	80 and over.	

ASSORTERS AND TRIMMERS.

Chicago.....	5	12	8.2	1	10	1	1	10	1	\$0.289						3	4	3	1	1						
Cleveland.....	6	22	7.8				1	5	16	.304						3	8	7	3	1						
New York.....	2	6	8.2						6	.367							1	2	2		1					
St. Louis.....	2	4	8.7						3	.267					1		2	1								
Other cities.....	1	4	7.4					1	3	.219				1		2	1									
Total.....	16	48	8.0					2	9	.298				1	1	8	16	13	6	2		1				

BUSHELMERS AND BUTTON SEWERS.

Boston.....	2	8	8.3						8	\$0.352						1		4	1	1						
Chicago.....	6	84	7.4	9	2	3	7	8	40	.300						19	21	27	14	3						
Cincinnati.....	2	19	7.7	1			1	2	15	.233			1		1	10	7									
Cleveland.....	7	46	7.2	4	1	2	4	5	32	.348			1	1	2	5	8	9	6	8	4	4				
New York.....	4	20	8.0				1	4	22	.399							1	6	13	7		1	1			
Philadelphia.....	5	49	7.7	2	1	3	2	4	33	.283						10	14	20	5		1					
St. Louis.....	4	4	8.6						4	.344						1	1									
Total.....	30	241	7.6	16	5	8	15	23	154	.317			1	2		3	46	62	66	40	19	6	5	1		

CLEANERS.

[illegible]

CUTTERS' ASSISTANTS.

[illegible]

EXAMINERS.

[illegible]

FINISHERS.

Baltimore.....	4	17	7.9	1	4	12	30,383					12	1	2	2	4	3	1
Boston.....	6	66	7.7	2	3	53	428					17	12	6	8	7	3	1
Chicago.....	7	98	8.3	2	13	30	4					12	6	13	7	12	4	4
San Francisco.....	9	94	7.6	2	4	36	343	1	1	8		15	20	10	10	2	4	
St. Louis.....	7	76	7.5	1	7	56	345					13	20	68	18	6	2	
Cleveland.....	7	249	7.9	3	15	36	157					5	22	62	59	10	2	
New York.....	8	56	7.9	1	1	34	5					2	4	11	8	6	4	2
Philadelphia.....	6	93	8.2	2	2	77	6					3	6	12	12	9	3	3
St. Louis.....	4	34	8.3	1	3	26	4					6	6	4	5	6	2	
Total.....	51	697	7.8	14	38	157	445	20	1	8	45	75	128	118	116	58	82	10

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES—Concluded.

Locality.	Num-ber of estab-lish-ment's.	Employees whose average hours worked per week day for the pay-roll period were—										Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		Aver- age work- ing week day.		4.		5.		6.		7.		8.		9.		10.		11.		Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		Un-der 4.	4.	Un-der 5.	5.	Un-der 6.	6.	Un-der 7.	7.	Un-der 8.	8.	Un-der 9.	9.	Un-der 10.	10.	Un-der 11.	11.	12	14		16	18	20	25	30	35	40	45	50	60	70	80	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.

OPERATORS, GENERAL.

Chicago.....	5	52	6.8	5	2	4	8	17	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cincinnati.....	8	115	7.4	1	2	2	13	65	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cleveland.....	7	352	7.3	5	13	19	29	127	159	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Louis.....	3	45	7.6	1	1	.....	5	10	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other cities.....	2	4	7.4	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	25	568	7.3	12	18	25	55	223	235	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

OPERATORS, SPECIAL MACHINE.

Chicago.....	3	4	8.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cincinnati.....	3	6	8.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cleveland.....	5	25	7.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Louis.....	3	13	7.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other cities.....	1	1	6.4
Total.....	15	49	7.8	2	3	11	33

PRESSERS, HAND

All cities.....	2	19	7.1	1	2	4	5	7	3	5	5	2	2
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PAVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

CLOTHING, WOMEN'S: DRESSES AND WAISTS.

MALES.

[Pay-roll period: One week.]

[illegible]

CUTTERS' ASSISTANTS.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES.

Locality.	Employees whose average hours worked per week day for the payroll period were—		Employees whose earnings per hour worked were—															
	Num-ber of estab-lish-ments.	Aver- age hours worked per week day.	Aver- age earnings per hour worked.															
			Un-der 4.	4 5 6.	6 7.	7 8.	8 9.	9 10.	10 11.	Un-der 16 cts.	and over 16 cts.							
			16	18	20	25	30	35	40	45	50	60	70	80	90	cts.	\$1.	and over.
			Un-der 16 cts.	16 18 cts.	18 20 cts.	20 25 cts.	25 30 cts.	30 35 cts.	35 40 cts.	40 45 cts.	45 50 cts.	50 60 cts.	60 70 cts.	70 80 cts.	80 90 cts.	90 cts.	\$1.	and over.

ASSORTERS AND TRIMMERS.

Chicago.....	3	6 7.7	2	1	1	1	5	2	288	40	259	2	4	1	1	1	1	1	1	1	1	1	1
Cleveland.....	4	14 7.5	1	1	1	1	1	2	288	4	288	4	7	1	3	5	1	1	1	1	1	1	1
New York.....	5	20 7.9	1	1	1	2	9	6	335	1	335	5	1	1	3	5	1	1	1	1	1	1	1
Philadelphia.....	4	14 7.7	2	1	1	4	8	1	239	2	239	1	3	6	2	1	1	1	1	1	1	1	1
St. Louis.....	2	3 8.2	1	1	1	1	1	1	217	1	217	1	1	1	1	1	1	1	1	1	1	1	1
Total.....	18	57 7.4	3	2	4	3	14	28	286	1	2	2	15	19	6	6	4	1	1	1	1	1	1

BUTTON HOLE MAKERS.

Philadelphia.....	2	3 7.8	1	1	1	1	2	2	387	1	387	1	1	1	1	1	1	1	1	1	1	1	1
Other cities.....	1	1 8.0	1	1	1	1	1	1	616	1	616	1	1	1	1	1	1	1	1	1	1	1	1
Total.....	3	4 7.9	2	2	2	2	3	3	429	2	429	2	2	2	2	2	2	2	2	2	2	2	2

CLEANERS.

Boston.....	3	3 8.0	3	1	1	1	1	2	182	1	182	2	2	2	2	2	2	2	2	2	2	2	2
Cleveland.....	4	37 7.2	1	1	1	4	10	18	226	4	226	6	25	4	2	13	3	1	1	1	1	1	1
New York.....	12	59 7.3	1	1	1	4	26	22	293	3	293	4	6	8	14	13	3	1	1	1	1	1	1
Other cities.....	3	5 6.7	1	1	1	1	3	3	191	1	191	1	1	1	1	1	1	1	1	1	1	1	1
Total.....	22	101 7.3	5	2	7	8	37	45	281	4	281	7	15	33	12	17	13	3	3	3	3	3	3

CLOTHING, WASHING

1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	5	5
6	6	6	6	6
7	7	7	7	7
8	8	8	8	8
9	9	9	9	9
10	10	10	10	10
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PRESSERS.

	2	4	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Boston.....	2	4	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Chicago.....	2	4	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Cleveland.....	2	4	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
New York.....	2	4	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Philadelphia.....	2	4	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

SAMPLE MAKERS.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES.

Locality.	Num-ber of estab-lish-ments.	Num-ber of hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—						Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—																	
			Aver-age hours worked per week day.							Employees whose earnings per hour worked were—																	
			4.	5.	6.	7.	8.	9.		10.	Un-der 4.	Un-der 5.	Un-der 6.	Un-der 7.	Un-der 8.	Un-der 9.	Un-der 10.	12 cts.	14 cts.	16 cts.	18 cts.	20 cts.	25 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.

EXAMINERS.

Baltimore.....	2	10	7.7	1	1	1	1	8	.....	\$0.189	.....	2	2	4	2	.....	.....	.....	.....	.....	.....
Chicago.....	2	4	8.0	.....	.....	.....	1	3	.....	.191	.....	.....	1	1	2	.....	.....	.....	.....	.....	.....
St. Louis.....	3	11	8.3	.....	.....	.....	.....	11	.....	.230	.....	.....	.....	1	9	1	.....	.....	.....	.....	.....
Other cities.....	4	46	7.6	1	2	7	10	26	.....	.243	1	.....	.....	4	21	16	3	1	.....	.....	.....
Total.....	11	71	7.7	2	2	8	11	48	.....	.230	1	2	3	10	34	17	3	1	.....	.....	.....

FINISHERS.

Baltimore.....	2	4	7.2	1	.....	.....	1	2	.....	\$0.145	1	1	1	.....	2	.....	.....	.....	.....	.....	.....
Chicago.....	3	4	7.9	.....	.....	.....	1	2	.....	.212	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York.....	2	14	7.5	.....	.....	.....	1	2	.....	.241	.....	.....	.....	1	10	1	2	.....	.....	.....	.....
St. Louis.....	3	15	7.3	1	.....	.....	4	7	.....	.141	1	9	3	1	.....	.....	.....	.....	.....	.....	.....
Other cities.....	1	3	7.6	.....	.....	.....	1	2	.....	.306	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....
Total.....	11	40	7.4	1	1	10	6	21	.....	.196	2	10	4	3	12	5	2	1	1	.....	.....

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES.

Locality.	Num-ber of estab-lish-ments.	Num-ber of hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—					Average earnings per hour worked.	Employees whose earnings per hour worked were—																
			4	5	6	7	8		9	10	12	14	16	18	20	25	30	35	40	45	50	and over			
			Un-der 4.	and un-der 5.	and un-der 6.	and un-der 7.	and un-der 8.		and un-der 9.	and un-der 10.	Un-der 12 cts.	and un-der 14 cts.	and un-der 16 cts.	and un-der 18 cts.	and un-der 20 cts.	and un-der 25 cts.	and un-der 30 cts.	and un-der 35 cts.	and un-der 40 cts.	and un-der 45 cts.	and un-der 50 cts.	and over			

EXAMINERS.

Baltimore.....	2	10	7.7	1	1	1	8	8	\$0.189		2	2	4	2						
Chicago.....	2	4	8.0				3	3	.191			1	1	1	9					
St. Louis.....	2	14	8.3				11	11	.230											
Other cities.....	4	46	7.6	1	2	7	10	26	.243	1			4	21	16	3	1			
Total.....	11	71	7.7	2	2	8	11	48	.230	1	2	3	10	34	17	3	1			

FINISHERS.

Baltimore.....	2	4	7.2	1			1	2	\$0.145	1	1	1		2						
Chicago.....	2	4	7.2				1	2	.212											
New York.....	2	14	7.2				4	7	.241				1	10	1	2				
St. Louis.....	3	13	7.3	1	1	4	2	8	.241	1	3	1								
Other cities.....	1	3	7.6				1	2	.306								1	1		
Total.....	11	40	7.4	1	1	1	10	21	.196	2	10	4	3	12	5	2	1	1		

OPERATORS, GENERAL.

Baltimore.....	2	49	7.3	2	2	2	1	3	1	1	1	1	3	13	21	6	2	1	1
Chicago.....	4	50	7.2	4	1	3	9	6	30	...	\$0.241	1	...	3	17	9	10	5	...
New York.....	2	53	6.3	2	3	23	6	6	30	...	.270	...	3	2	4	28	18	5	...
Philadelphia.....	2	117	7.2	7	4	7	13	7	10	...	.347	...	...	27	24	15	11	8	...
St. Louis.....	3	123	7.5	5	2	5	8	35	54	...	.287	3	3	6	21	17	6	3	2
Other cities.....	2	43	6.6	2	3	4	8	31	73	...	.240	6	11	8	10	16	11	1	...
Total.....	15	440	7.2	22	15	42	52	108	201	...	.281	4	12	16	99	89	92	20	13

OPERATORS, SPECIAL MACHINE.

Baltimore.....	2	8	7.6	...	1	1	1	...	6	...	\$0.287	...	...	1	4	3	...	...	...
Chicago.....	4	14	7.9	...	1	1	1	11	...	...	.255	...	...	6	4	...	1	1	...
New York.....	2	8	6.5	...	1	2	1	3	1	...	.330	...	...	...	2	3	...	...	...
St. Louis.....	3	59	7.9	1	...	1	5	18	34	...	.246	1	...	5	16	10	2	1	...
Other cities.....	3	14	7.5	...	1	1	1	10	3	...	.332	...	...	...	3	7	2	2	...
Total.....	14	103	7.7	1	2	4	9	32	55	...	.274	...	1	4	29	23	8	4	...

PRESSERS.

Chicago.....	2	4	7.3	...	1	...	...	...	3	...	\$0.243	...	...	3	...	1	...	...	...
New York.....	2	35	6.5	6	3	2	3	7	14	...	.203	...	...	31	2	1	...	1	...
St. Louis.....	3	16	6.5	2	2	1	1	8	2	...	.320	...	...	2	7	3	1	1	2
Other cities.....	3	39	6.6	6	2	1	7	15	8	...	.297	...	2	7	11	6	2	...	...
Total.....	10	94	6.6	14	8	4	11	30	27	...	.264	...	2	43	20	16	7	3	3

SAMPLE MAKERS.

Chicago.....	2	2	8.2	...	...	...	...	...	2	...	\$0.314	...	...	...	...	2	...	...	...
St. Louis.....	2	9	8.2	...	...	...	...	1	8	...	.292	...	...	...	6	1	...	...	...
Other cities.....	3	4	8.1	...	...	...	...	1	3	...	.381	...	...	...	...	2	1	2	1
Total.....	7	15	8.2	...	...	...	...	2	13	...	.319	...	...	...	6	5	3	...	1

CLOTHING, WOMEN'S: WHITE GOODS.

[Pay-roll period: One week.]

[illegible]

CUTTERS.

All cities.....	1	2	8.0	2	\$0.324	1	1
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EMBROIDERERS.

All cities.....	2	6	8.3	4	2	\$0.221	1	4	1
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EXAMINERS.

New York.....	6	04	7.3	2	2	10	22	26	\$0.255	6	18	31	9			
Philadelphia.....	2	4	8.4	4146	2	1			
Other cities.....	2	28	8.1	.....	1	1	2	15	2	.186	.....	1	4	11	7	.....		
Total.....	10	91	7.5	2	3	12	24	45	2	.233	2	2	4	18	35	31	9

FINISHERS.

New York.....	6	16	6.1	2	3	.....	3	6	2	.....	\$0.200	.....	.....	.....	1	4	5	2	2	2	.....
Philadelphia.....	2	6	8.4	.....	.....	.....	.....	1	5	.....	.176	1	1	.....	.....	3	1	.....	.....	.....	.....
Other cities.....	2	4	7.5	.....	1	.....	.....	.....	3	.....	.200	.....	.....	1	.....	2	1	.....	.....	.....	.....
Total.....	10	26	6.9	2	3	1	3	7	10	.....	.231	1	1	.....	1	4	7	6	2	2	2

FOLDERS AND RIBBONERS.

Chicago.....	3	17	7.6	.....	2	.....	5	10	.....	\$0.184	.....	1	7	2	2	2	2	1	.....	.....
New York.....	4	26	7.1	4	5	1	5	11	.....	.207	.....	.....	.....	.....	1	5	10	4	3	3
Other cities.....	1	1	7.5	.....	.....	.....	1	.....	.....	.147	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Total.....	8	44	7.3	.....	6	5	1	11	21	.....	.250	.....	1	8	2	3	7	12	5	3

OPERATORS, GENERAL.

Chicago.....	4	107	7.2	6	2	8	15	21	55	.....	\$0.276	.....	.....	1	3	6	40	14	30	10	1	1	.....
New York.....	6	103	7.3	4	1	3	10	44	41	.....	.365	.....	.....	.....	3	2	9	10	26	25	7	6	.....
Philadelphia.....	2	45	7.6	1	.....	.....	4	17	23	.....	.277	.....	.....	3	3	8	12	8	6	2	.....	.....
Worcester.....	2	26	7.8	.....	2	.....	2	8	16	.....	.292	.....	.....	.....	.....	2	5	7	7	5	.....	.....
Total.....	14	281	7.4	11	3	13	30	90	135	.....	.310	.....	.....	4	6	10	62	43	71	46	23	8	8

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

COAL: ANTHRACITE (Pennsylvania).

MALES.

[Pay-roll period: One-half month.]

Occupation.	Num-ber of estab-lish-ments.	Num-ber of employ-ees.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—													Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—															
				day for the pay-roll period were—																													
				Un-der 4.	4. 5.	5. 6.	6. 7.	7. 8.	8. 9.	9. 10.	10. 11.	11. 12.	12 and over.	30 and under 35 cts.	35. 40 cts.	40. 45 cts.		45. 50 cts.	50. 60 cts.	60. 70 cts.	70. 80 cts.	80. 90 cts.	90. and under \$1.	\$1. and under \$1.25.	\$1.25. and under \$1.50.	\$1.50. and over.							
INSIDE.																																	
Blacksmiths.....	13	30	8.9	2	.....	1	1	9	9	4	1	3	30.592							21	9											
Brattice men.....	17	116	8.0	5	2	8	12	14	43	17	8	5	2	561						2	110	4											
Cagers.....	22	234	9.1	12	2	6	9	25	66	36	26	32	5	517					6	31	197	6											
Car runners.....	17	342	7.9	26	4	19	31	37	127	57	26	10	5	507						104	232	6											
Company miners.....	19	656	6.7	141	32	39	48	85	183	66	35	17	10	581						6	587	59	4										
Company miners' la- borers.....	19	632	7.4	65	20	33	73	106	223	62	33	12	5	526						47	584		1										
Consideration miners.....	10	498	7.2	45	43	19	49	73	193	47	24	2	3	636						1	95	401											
Contract miners.....	22	4,887	6.8	372	220	469	1023	1695	944	104	38	9	13	840						95	120	431	838	824	729	614	711	257	85	30	18		
Contract miners' la- borers.....	21	1,857	5.6	460	137	219	321	419	256	39	6	.....	.....	639						17	16	23	44	71	623	568	277	113	61	36	7	1
Door tenders (boys).....	20	247	7.6	13	3	11	13	65	128	18	5	1	.....	315						84	172	1										
Drivers.....	22	479	7.7	38	9	16	43	80	227	47	14	4	1	499					11	.....	1											
Engineers.....	17	121	9.2	2	.....	1	4	7	43	30	16	10	8	542						1	185	104	6									
Labors.....	22	1,200	7.6	124	35	50	96	163	450	133	79	35	35	519					2	31	7	22	2	999	27	4							
Machinists.....	11	67	8.0	8	2	3	7	8	9	7	12	10	1	568						18	102	24	25										
Masons.....	12	41	8.0	1	.....	1	5	3	23	7	.....	.....	.....	577						2	18	32	9									
Motor brakemen.....	18	190	8.5	9	3	6	8	30	48	41	28	13	4	502						65	240	2	3										
Motor men.....	19	247	9.3	9	4	4	7	14	51	60	45	33	20	538						18	14												
Pumpmen.....	21	104	12.4	3	2	.....	1	26	46	21	2	4	74	695					9	55	18											
Timbermen.....	17	170	8.6	36	8	9	13	26	61	25	20	3	1	695						7	19	14	23	3	8	9	2	4					
Trackmen.....	22	163	8.2	5	3	8	12	22	46	21	20	3	1	570						1	4	147	11										
Total.....	22	12,281	7.1	1376	629	921	1776	2864	3138	838	430	192	217	672					122	271	164	200	778	4938	1980	1140	845	683	756	266	90	30	18

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Concluded.

Occupation.	Num-ber of estab-lish-ments.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—												
			Aver- age earnings per hour worked over.													Un-der \$1.00.	30 cts. to \$1.00.	40 cts. to \$1.00.	45 cts. to \$1.00.	50 cts. to \$1.00.	60 cts. to \$1.00.	70 cts. to \$1.00.	80 cts. to \$1.00.	90 cts. to \$1.00.	\$1.00 and over.	\$1.25 and over.	\$1.50 and over.	
			4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.														
OUTSIDE.																												
Ashmen.....	19	72	9.1	3	1	1	6	8	11	17	7	6	12	30.444	8	14	50	47	12	60	70	80	90	\$1.00 and over.	\$1.25 and over.	\$1.50 and over.		
Blacksmiths.....	22	60	9.1	6	1	3	2	2	14	8	5	13	7	572	1	3	79	11	1	12	24	30	40	\$1.00 and over.	\$1.25 and over.	\$1.50 and over.		
Cagers.....	22	119	9.5	21	3	14	7	9	37	37	47	31	44	460	1	3	8	16	202	1	1	1	1	1	1	1		
Carpenters.....	15	83	7.8	6	3	2	8	16	23	18	12	18	4	454	2	29	53	2	2	1	1	1	1	1	1	1		
Car runners.....	19	88	7.9	10	3	1	13	17	16	12	18	4	4	449	2	41	45	2	2	1	1	1	1	1	1	1		
Engineers.....	22	248	10.0	7	2	3	6	29	99	24	18	57	532	503	12	11	37	137	49	60	70	80	90	\$1.00 and over.	\$1.25 and over.	\$1.50 and over.		
Firemen.....	22	314	9.0	14	4	9	15	20	71	104	26	11	40	503	2	21	74	218	1	1	1	1	1	1	1	1		
Jig runners.....	18	81	9.2	4	1	2	9	18	11	13	12	11	11	410	1	26	21	7	1	1	1	1	1	1	1	1		
Laborers.....	22	216	8.5	9	3	5	30	54	23	38	20	11	39	517	1	36	91	116	2	1	1	1	1	1	1	1		
Leaders.....	21	199	8.6	9	3	8	12	19	11	16	7	14	39	517	1	36	91	116	2	1	1	1	1	1	1	1		
Machinists.....	20	112	10.1	9	1	3	15	12	19	11	6	16	16	484	1	6	9	38	60	5	1	1	1	1	1	1		
Oilers.....	21	77	9.3	2	1	1	5	9	13	16	7	14	39	517	1	36	91	116	2	1	1	1	1	1	1	1		
Plate men.....	21	180	8.3	12	9	1	32	44	36	21	10	16	16	484	1	36	91	116	2	1	1	1	1	1	1	1		
Repair men.....	10	113	8.6	6	3	8	7	34	21	10	13	10	16	484	1	36	91	116	2	1	1	1	1	1	1	1		
Slaters (boys).....	21	990	7.1	35	19	31	129	138	196	21	4	6	1	398	345	198	1	29	37	1	1	1	1	1	1	1		
Timber cutters.....	19	115	9.3	3	2	2	9	36	23	22	8	12	4	462	1	53	57	5	5	5	5	5	5	5	5	5		
Trackmen.....	14	28	8.3	2	1	1	2	12	2	2	3	4	4	477	1	8	14	6	6	6	6	6	6	6	6	6		
Total.....	22	3,865	8.6	266	94	126	297	474	996	621	376	279	436	442	356	348	1214	1190	763	95	1	1	1	1	1	1		
Grand total.....	22	16,216	7.4	1612	623	1047	2073	3338	4134	1469	906	471	668	816	478	619	1414	1898	5700	2075	1141	945	683	756	266	90	30	18

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY.—Continued.

COAL: BITUMINOUS.

MALES (INSIDE).

[Pay-roll period: One-half month.]

Locality.	Num-ber of estab-lish-ments.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—												
			Aver- age earnings per hour worked.													Aver- age earnings per hour worked.												
			Un-der 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to 12.	12 and over.	Un-der 30 cts.	30 to 35 cts.		35 to 40 cts.	40 to 45 cts.	45 to 50 cts.	50 to 60 cts.	60 to 70 cts.	70 to 80 cts.	80 to 90 cts.	90 cts. and under.	\$1. and under.	\$1.25 and under.	\$1.50 and over.		
Alabama.....	4	18	7.8	2	1	2	3	5	1	2	1	1	30,428				13											
Colorado.....	15	71	5.7	14	7	9	15	13	9	3	1		623								16	35						
Illinois.....	12	100	4.9	23	18	33	22	4	10	12			618								19	51						
Indiana.....	7	51	5.7	5	15	4	10	12	4				614				2											
Iowa.....	5	20	6.3		1	4	2	2	1				864															
Kansas.....	6	22	4.8	5	9	3	2		1	2			625															
Kentucky.....	18	124	6.6	14	8	10	9	2	1				491				21	19	84									
Maryland.....	3	29	6.3	2	5	7	9	2	1				866								8	26						
Missouri.....	2	24	5.8	2	2	2	7	6	2	1			625															
New Mexico.....	6	27	5.8	2	4	11	6	4	1				634															
New York.....	7	36	6.9	4	1	2	10	10	3	4	2	1	606															
Ohio.....	2	6	8.0		1			2	2	1			625															
Oklahoma.....	2	6	8.0		1			2	2	1			625															
Pennsylvania.....	28	299	5.1	40	41	45	50	64	21	16	8	2	634				2	21			1	15	268	11	4			
Tennessee.....	5	33	5.2	8	6	7	7	2	3				428															
Utah.....	7	19	5.9	2	4	5	2	3	3				688															
Virginia.....	4	65	4.5	23	8	8	9	8	4				438				3	57	1		2	1	1					
West Virginia.....	12	91	5.6	20	16	11	22	13	2	5			505				2	20	42									
Total.....	146	1,005	5.9	171	144	162	205	177	80	40	15	0	5	577			7	149	41	199	592	13	4					

BRAKEMEN.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES (INSIDE)—Continued.

Locality.	Num-ber of estab-lish-ments.	Aver-age hours work-ed per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—																
			Un-der 4.	4 and over.	5 and over.	6 and over.	7 and over.	8 and over.	9 and over.	10 and over.	11 and over.	12 and over.	Un-der 30 cts. 35 cts. 40 cts. 45 cts. 50 cts. 60 cts. 70 cts. 80 cts. 90 cts. and over.																			
													30 cts.	35 cts.		40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1 and over.	\$1.25 and over.	\$1.50 and over.	\$2 and over.						
Alabama.....	5	5.0	10	1	7	7	1	4	1	1	1	30	491	50	672	17	2	5	55	1	1	1	1	1	1	1	1	1	1	1	1	1
Colorado.....	14	5.7	23	15	21	47	32	13	3	2	1	626	626	153	2	1	2	44	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Illinois.....	9	7.4	3	3	6	5	16	6	17	2	1	626	626	64	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Iowa.....	11	6.7	4	4	7	0	16	6	4	2	1	627	627	33	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Kansas.....	12	5.6	6	9	4	11	14	12	1	1	1	514	514	7	15	33	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Kentucky.....	15	6.4	6	16	8	8	4	3	1	1	1	596	596	19	30	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Missouri.....	4	6.3	1	1	4	6	5	1	6	1	1	601	601	19	30	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
New Mexico.....	5	23	1	1	1	2	4	16	28	7	8	2	627	627	69	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Ohio.....	11	7.1	4	4	1	13	8	13	5	1	2	626	626	31	137	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Oklahoma.....	6	51	4	4	1	13	8	13	5	1	2	626	626	31	137	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Pennsylvania.....	20	172	17	12	34	41	25	24	8	4	6	626	626	31	137	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Tennessee.....	4	18	6	6	1	3	5	1	3	2	1	448	448	8	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Utah.....	5	10	0	0	1	1	1	1	1	1	1	691	691	16	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Virginia.....	4	19	4	2	9	1	8	1	8	1	2	480	480	23	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
West Virginia.....	10	54	2	3	5	5	9	14	8	1	2	517	517	8	11	23	8	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Wyoming.....	4	15	4	3	7	1	2	1	1	1	1	678	678	3	4	24	52	152	683	9	5	1	1	1	1	1	1	1	1	1	1	1
Total.....	163	932	109	81	109	192	176	153	67	24	13	8	606	606	3	4	24	52	152	683	9	5	1	1	1	1	1	1	1	1	1	1

BRATTICEMEN AND TIMBERMEN.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES (INSIDE)—Continued.

Locality.	Num-ber of estab-lish-ments.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Employees whose earnings per hour worked were—											
			Aver-age												Aver-age											
			Un-der 4.	4 and under 5.	5 and under 6.	6 and under 7.	7 and under 8.	8 and under 9.	9 and under 10.	10 and under 11.	11 and under 12.	12 and under over.	Average	Un-der 30 cts.	30 and under 35 cts.	35 and under 40 cts.	40 and under 45 cts.	45 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 and under 80 cts.	80 and under 90 cts.	90 cts. and under \$1.	\$1. and under \$1.25.	\$1.25 and under \$1.50.	\$1.50 and over.
Alabama.....	5	5.4	18	7	11	11	11	11	11	11	11	11	30.402	13	5	65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado.....	11	123	24	21	41	45	11	11	11	11	11	11	30.556	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois.....	16	498	141	81	11	16	30	44	17	2	4	4	39.57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana.....	9	150	14	15	11	16	30	44	17	2	4	4	39.57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa.....	10	64	7	11	11	16	30	44	17	2	4	4	39.57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas.....	8	20	6	7	11	16	30	44	17	2	4	4	39.57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kentucky.....	13	182	51	28	11	30	26	6	3	11	1	1	39.57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maryland.....	5	51	15	8	10	12	15	2	2	2	2	2	39.57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri.....	9	120	4	4	11	12	15	2	2	2	2	2	39.57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Mexico.....	5	41	8	4	9	12	15	2	2	2	2	2	39.57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio.....	11	97	17	11	9	9	13	5	8	2	1	1	39.57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oklahoma.....	3	26	1	1	1	4	9	2	1	1	1	1	39.57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania.....	30	647	83	65	107	138	92	95	20	23	11	11	39.57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee.....	6	66	14	15	14	12	15	2	2	2	2	2	39.57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utah.....	7	44	12	6	11	12	15	2	2	2	2	2	39.57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia.....	3	30	13	6	11	12	15	2	2	2	2	2	39.57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Virginia.....	10	120	31	24	14	13	15	2	2	2	2	2	39.57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wyoming.....	4	84	4	7	14	13	15	2	2	2	2	2	39.57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	164	2,340	519	533	278	375	218	809	199	47	36	21	37.7	5	24	247	96	1090	915	8	.....	.....	.....	.....	.....	.....

LABORERS.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES (INSIDE)—Continued.

Locality.	Num-ber of estab-lish-ments	Aver-age hours work-ed per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earn-ings per hour work-ed.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
			Un-der 4.													Un-der 30 cts.	Un-der 90 cts.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
			4	5	6	7	8	9	10	11	12	30 der cts.	35 der cts.	40 der cts.			45 der cts.	50 der cts.	60 der cts.	70 der cts.	80 der cts.	90 der cts.	\$1.	\$1.25 der	\$1.50 der	\$1.75 der	\$2. and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Colorado.....	11	66	5.4	10	19	10	13	10	3	1								1	1	3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								</

MINERS, MACHINE.

TRAPPERS (BOYS).

Alabama.....	4	36	6.3	4	5	4	9	2	10	2				\$0.243	34																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		</
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MALES (OUTSIDE).

BLACKSMITHS.

Alabama.....	4	10	6	1	2	2	1	3	1	8	1	1	1	\$0.451																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				</
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AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES (OUTSIDE)—Continued.

Locality.	Num-ber of estab-lish-ments.	Num-ber of hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Average earnings per hour worked and work-ed.	Employees whose earnings per hour worked were—											
			Un-der 4.													Un-der 30 cts.											
			4.	5.	6.	7.	8.	9.	10.	11.	12.	Un-der 30 cts.	30 cts.	35 cts.		40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1. and un-der \$1.25	\$1.25 and un-der \$1.50	\$1.50 and over.		
Alabama.....	3	12	5.5	4	1	2	3	1	1	1	1	1	1	\$0.490	Un-der 30 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1. and un-der \$1.25	\$1.25 and un-der \$1.50	\$1.50 and over.
Colorado.....	12	20	7.7	2	1	2	4	1	8	1	1	1	1	.665	Un-der 30 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1. and un-der \$1.25	\$1.25 and un-der \$1.50	\$1.50 and over.
Illinois.....	13	31	7.9	1	3	1	7	13	4	2	2	2	2	.666	Un-der 30 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1. and un-der \$1.25	\$1.25 and un-der \$1.50	\$1.50 and over.
Indiana.....	2	5	7.6	2	1	1	3	1	1	1	1	1	1	.617	Un-der 30 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1. and un-der \$1.25	\$1.25 and un-der \$1.50	\$1.50 and over.
Iowa.....	2	5	6.0	2	1	1	1	1	1	1	1	1	1	.750	Un-der 30 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1. and un-der \$1.25	\$1.25 and un-der \$1.50	\$1.50 and over.
Kansas.....	2	2	6.7	1	4	5	3	4	1	1	1	1	1	.478	Un-der 30 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1. and un-der \$1.25	\$1.25 and un-der \$1.50	\$1.50 and over.
Kentucky.....	7	18	6.5	1	1	2	3	1	1	1	1	1	1	.618	Un-der 30 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1. and un-der \$1.25	\$1.25 and un-der \$1.50	\$1.50 and over.
Maine.....	5	8	7.5	1	1	1	1	1	1	1	1	1	1	.825	Un-der 30 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1. and un-der \$1.25	\$1.25 and un-der \$1.50	\$1.50 and over.
Missouri.....	4	4	4.8	1	1	2	1	1	6	2	1	1	1	.612	Un-der 30 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1. and un-der \$1.25	\$1.25 and un-der \$1.50	\$1.50 and over.
New Mexico.....	8	15	5.0	1	1	1	1	1	8	1	2	1	1	.612	Un-der 30 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1. and un-der \$1.25	\$1.25 and un-der \$1.50	\$1.50 and over.
Ohio.....	3	6	7.7	1	1	1	1	1	1	1	1	1	1	.602	Un-der 30 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1. and un-der \$1.25	\$1.25 and un-der \$1.50	\$1.50 and over.
Oklahoma.....	25	83	7.7	3	1	14	22	13	9	8	4	4	4	.593	Un-der 30 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1. and un-der \$1.25	\$1.25 and un-der \$1.50	\$1.50 and over.
Pennsylvania.....	2	3	7.4	1	1	1	1	1	1	1	1	1	1	.453	Un-der 30 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1. and un-der \$1.25	\$1.25 and un-der \$1.50	\$1.50 and over.
Tennessee.....	7	10	7.6	1	1	5	2	1	2	1	1	1	1	.624	Un-der 30 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1. and un-der \$1.25	\$1.25 and un-der \$1.50	\$1.50 and over.
Utah.....	5	14	7.5	3	2	1	3	1	2	1	1	1	1	.541	Un-der 30 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1. and un-der \$1.25	\$1.25 and un-der \$1.50	\$1.50 and over.
West Virginia.....	3	4	7.0	1	1	1	1	1	1	1	1	1	1	.638	Un-der 30 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1. and un-der \$1.25	\$1.25 and un-der \$1.50	\$1.50 and over.
Washington.....	3	4	7.0	1	1	1	1	1	1	1	1	1	1	.638	Un-der 30 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1. and un-der \$1.25	\$1.25 and un-der \$1.50	\$1.50 and over.
Other States.....	1	3	6.2	1	2	1	1	3	1	1	1	1	1	.480	Un-der 30 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1. and un-der \$1.25	\$1.25 and un-der \$1.50	\$1.50 and over.
Total.....	110	260	7.4	18	23	37	49	65	29	17	6	2	2	.582	Un-der 30 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1. and un-der \$1.25	\$1.25 and un-der \$1.50	\$1.50 and over.

CARPENTERS.

ENGINEERS.

State	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000	2010	2020	2030	2040	2050	2060	2070	2080	2090	2100	2110	2120	2130	2140	2150	2160	2170	2180	2190	2200	2210	2220	2230	2240	2250	2260	2270	2280	2290	2300	2310	2320	2330	2340	2350	2360	2370	2380	2390	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	2510	2520	2530	2540	2550	2560	2570	2580	2590	2600	2610	2620	2630	2640	2650	2660	2670	2680	2690	2700	2710	2720	2730	2740	2750	2760	2770	2780	2790	2800	2810	2820	2830	2840	2850	2860	2870	2880	2890	2900	2910	2920	2930	2940	2950	2960	2970	2980	2990	3000	3010	3020	3030	3040	3050	3060	3070	3080	3090	3100	3110	3120	3130	3140	3150	3160	3170	3180	3190	3200	3210	3220	3230	3240	3250	3260	3270	3280	3290	3300	3310	3320	3330	3340	3350	3360	3370	3380	3390	3400	3410	3420	3430	3440	3450	3460	3470	3480	3490	3500	3510	3520	3530	3540	3550	3560	3570	3580	3590	3600	3610	3620	3630	3640	3650	3660	3670	3680	3690	3700	3710	3720	3730	3740	3750	3760	3770	3780	3790	3800	3810	3820	3830	3840	3850	3860	3870	3880	3890	3900	3910	3920	3930	3940	3950	3960	3970	3980	3990	4000	4010	4020	4030	4040	4050	4060	4070	4080	4090	4100	4110	4120	4130	4140	4150	4160	4170	4180	4190	4200	4210	4220	4230	4240	4250	4260	4270	4280	4290	4300	4310	4320	4330	4340	4350	4360	4370	4380	4390	4400	4410	4420	4430	4440	4450	4460	4470	4480	4490	4500	4510	4520	4530	4540	4550	4560	4570	4580	4590	4600	4610	4620	4630	4640	4650	4660	4670	4680	4690	4700	4710	4720	4730	4740	4750	4760	4770	4780	4790	4800	4810	4820	4830	4840	4850	4860	4870	4880	4890	4900	4910	4920	4930	4940	4950	4960	4970	4980	4990	5000	5010	5020	5030	5040	5050	5060	5070	5080	5090	5100	5110	5120	5130	5140	5150	5160	5170	5180	5190	5200	5210	5220	5230	5240	5250	5260	5270	5280	5290	5300	5310	5320	5330	5340	5350	5360	5370	5380	5390	5400	5410	5420	5430	5440	5450	5460	5470	5480	5490	5500	5510	5520	5530	5540	5550	5560	5570	5580	5590	5600	5610	5620	5630	5640	5650	5660	5670	5680	5690	5700	5710	5720	5730	5740	5750	5760	5770	5780	5790	5800	5810	5820	5830	5840	5850	5860	5870	5880	5890	5900	5910	5920	5930	5940	5950	5960	5970	5980	5990	6000	6010	6020	6030	6040	6050	6060	6070	6080	6090	6100	6110	6120	6130	6140	6150	6160	6170	6180	6190	6200	6210	6220	6230	6240	6250	6260	6270	6280	6290	6300	6310	6320	6330	6340	6350	6360	6370	6380	6390	6400
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FIREMEN.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR, PER PAY-ROLL PERIOD, AND LOCALITY. CHINA, 1906.

MALES (OUTSIDE)—Concluded.

Locality.	Num-ber of estab-lish-ments.	Aver- age hours worked per week day.	Employees whose average hours per week day for the pay-roll period were—												Aver- age earnings per hour worked.	Employees whose earnings per hour were—																
			Un-der 4, 5, 6, 7, 8, 9, 10, 11, 12, and over.													Un-der 30 cts., 35 cts., 40 cts., 45 cts., 50 cts., 60 cts., 70 cts., 80 cts., 90 cts., and over.																
			4.	5.	6.	7.	8.	9.	10.	11.	12.	and over.	4.	5.	6.	7.	8.	9.	10.	11.	12.	and over.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	and over.
LABORERS.																																
Alabama.....	5	140	20	7	6	32	26	32	7	3	3	4	30.373	5	37	64	29	151	5	102	3	102	3	102	3	102	3	102	3	102	3	
Colorado.....	18	257	33	21	32	36	43	46	35	7	3	3	1	5503	1	1	1	1	2	245	2	245	2	245	2	245	2	245	2	245	2	
Illinois.....	16	251	30	31	43	55	27	40	17	6	3	6	549	1	1	1	1	1	1	113	1	113	1	113	1	113	1	113	1	113	1	
Indiana.....	10	122	20	12	5	13	23	35	9	4	5	6	531	1	1	1	1	1	1	71	1	71	1	71	1	71	1	71	1	71	1	
Iowa.....	11	72	6.3	11	7	10	15	13	9	6	1	1	531	1	1	1	1	1	1	46	2	46	2	46	2	46	2	46	2	46	2	
Kansas.....	12	48	6.3	11	7	10	15	13	9	6	1	1	531	1	1	1	1	1	1	46	2	46	2	46	2	46	2	46	2	46	2	
Kentucky.....	19	245	38	21	23	31	45	37	18	1	1	1	524	1	32	4	127	56	24	1	32	4	127	56	24	1	32	4	127	56	24	1
Maryland.....	5	67	6.7	3	5	12	15	12	7	3	1	1	545	1	2	1	2	3	3	57	3	57	3	57	3	57	3	57	3	57	3	
Missouri.....	10	62	6.1	14	19	8	10	6	5	1	1	1	545	1	2	1	2	3	3	57	3	57	3	57	3	57	3	57	3	57	3	
New Mexico.....	6	114	6.0	10	12	14	13	20	23	16	6	1	546	1	5	9	24	44	2	140	4	140	4	140	4	140	4	140	4	140	4	
Ohio.....	13	146	7.4	8	4	11	22	30	49	17	3	1	546	1	5	9	24	44	2	140	4	140	4	140	4	140	4	140	4	140	4	
Oklahoma.....	8	47	7.5	6	1	4	6	11	8	1	1	2	546	1	5	9	24	44	2	140	4	140	4	140	4	140	4	140	4	140	4	
Pennsylvania.....	31	839	6.6	103	64	169	134	155	72	52	43	10	512	15	15	7	18	205	560	24	1	560	24	1	560	24	1	560	24	1	560	24
Tennessee.....	6	117	6.7	15	16	39	15	22	8	2	1	2	359	66	66	4	41	5	1	94	35	94	35	94	35	94	35	94	35	94	35	
Utah.....	7	120	6.3	8	13	18	14	11	5	1	1	1	386	2	1	16	19	4	4	60	2	60	2	60	2	60	2	60	2	60	2	
Virginia.....	4	42	5.8	8	3	7	13	8	5	3	2	1	386	2	1	16	19	4	4	60	2	60	2	60	2	60	2	60	2	60	2	
West Virginia.....	13	102	6.4	27	21	24	23	21	24	8	5	3	386	2	1	16	19	4	4	60	2	60	2	60	2	60	2	60	2	60	2	
Wyoming.....	4	46	6.1	7	4	9	6	9	3	2	1	1	600	2	1	16	19	4	4	60	2	60	2	60	2	60	2	60	2	60	2	
Total.....	198	2,857	377	263	441	505	503	425	208	86	27	49	499	10	172	151	300	177	1,680	96	1	1,680	96	1	1,680	96	1	1,680	96	1	1,680	96

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION, OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

CONFECTIONERY.

MALES.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Num-ber of employ-ees.	Average hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Average earnings per hour worked.	Employees whose earnings per hour worked were—											
				day for the pay-roll period were—													Employees whose earnings per hour worked were—											
				Un-der 4.	4 and under 5.	5 and under 6.	6 and under 7.	7 and under 8.	8 and under 9.	9 and under 10.	10 and under 11.	11 and under 12.	12 and over.	Un-der 14 cts.	14 and under 16 cts.		16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 35 cts.	35 and under 40 cts.	40 and under 45 cts.	45 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 and over.	
One week:																												
California.....	10	56	8.9	1	1	1	1	1	27	26	2	2	\$0.448					1	12	7	4	15	8	5	1	3		
Georgia.....	2	17	8.5	1	1	1	1	1	6	10	31	6	1	.442			1		2	3	11	5	6	1	2			
Illinois.....	8	131	9.1	4	1	1	1	1	34	48	19	6	1	.484					1	4	5	6	2	3	1			
Indiana.....	3	22	9.0											.439														
Iowa.....	2	7	9.8							5	2			.428														
Kentucky.....	2	49	8.1	7		4	5	1	4	28				.369		2		3	6	7	15	11	4	1				
Maryland.....	3	84	9.4											.451														
Massachusetts.....	6	137	8.2		1	2	4	1	6	16	18		2	.455														
Michigan.....	2	23	8.7	2				1	3	15	9	2		.413														
Minnesota.....	6	30	9.5			1			12	33	12	23	7	.480														
Missouri.....	7	93	8.5	2	1		1	2	12	3	1			.586														
New Jersey.....	2	7	8.7						22	40	18	3	1	.430														
New York.....	8	98	8.4	2	1	2	5	4	22	40	18	3	3	.427														
Ohio.....	5	57	9.1	2	1			1	11	18	6	3	3	.611														
Oregon.....	2	9	8.0					5	11	72	6		3	.447				1	1	13	25	42	14	6	2	1		
Pennsylvania.....	12	105	8.8	4		4	1	3	9	20				.473														
Tennessee.....	2	26	8.8	1		2	2	3	9	2				.566														
Washington.....	4	15	8.0	1				1	7	66	6	1		.468														
Wisconsin.....	7	82	9.4			2								.481														
Other States.....	1	2	9.9																									
Total.....	97	1,000	8.9	28	6	16	21	39	286	459	88	40	17	.465	1	2		1	12	38	94	155	404	197	71	15	10	
Two weeks and one-half month:																												
California.....	2	6	7.1	1				1	2	1				.522							1	1	2	1				
Oregon.....	2	9	7.4				1	6	2					.689								3	3	2		1		
Other States.....	5	8	8.1											.521														
Total.....	5	19	7.5	1			1	9	7	1				.601							1	4	5	6	2	1		
Grand total.....	102	1,019	8.9	26	6	16	22	43	296	460	88	40	17	.467	1	2		1	12	38	94	156	408	202	77	17	11	

**AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.**

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Average hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Average earnings per hour worked.	Employees whose earnings per hour worked were—														
			Un-der 4. 4 and 5. 5 and 6. 6 and 7. 7 and 8. 8 and 9. 9 and 10. 10 and 11. 11 and 12. 12 and over.													Un-der 14 cts.	14 and 16 cts.	16 and 18 cts.	18 and 20 cts.	20 and 25 cts.	25 and 30 cts.	30 and 35 cts.	35 and 40 cts.	40 and 50 cts.	50 and 60 cts.	60 and 70 cts.	70 and 80 cts.	80 and over.		
CANDY MAKERS' HELPERS.																														
One week:																														
California.....	7	62	8.3	3	1	1	4	31	22									10	17	24	10	1								
Georgia.....	2	12	8.5				2	7	3									5	3	4										
Illinois.....	7	254	8.9	13	1	4	14	42	133	39	3	2						3	7	64	108	56	4							
Indiana.....	3	24	8.4	3				1	18	3								1	5	14	4									
Iowa.....	2	13	7.8	2		1	1	3	17									20	7	3										
Kentucky.....	2	33	7.8	5		2	4	1	3	15	1	2						15	31	21	36	7								
Massachusetts.....	5	5	7.3	1		1	3	43	15									4	2	6										
Michigan.....	2	78	8.1	2	1	4	4	4	21									8	11	3	7	15								
Minnesota.....	5	49	8.0	4	1	3	3	1	16	16	5							6	13	3	7	2								
Missouri.....	7	191	9.2	10		3	2	6	45	61	25	10						2	22	60	52	40	2							
New York.....	8	251	8.2	17	8	6	7	23	75	97	15	3						12	19	72	91	46	19	4						
Ohio.....	8	87	8.1	4		2	3	2	15	38	13	8	2					4	1	26	18	32	4	2						
Oregon.....	2	19	8.0					12	40									1	12	18	37	8	4	2						
Pennsylvania.....	8	82	8.4	6	1	4	3	3	7	40	8	1						1	12	18	37	8	4	2						
Tennessee.....	2	15	8.6	1				3	10									4	4	7										
Washington.....	4	14	7.7				1	3	8	1								1	1					2						
Wisconsin.....	7	84	9.1	2	1	1	1	1	5	72		1						1	13	32	26	9	3							
Other States.....	1	17	8.1	1		1	7	1	7										1	5	10	1								
Total.....	85	1,393	8.5	88	20	32	46	83	363	591	113	42	15	.313	2	6	22	29	182	314	407	299	119	12	1					
Two weeks and one-half month:																														
All States.....	4	13	7.7																											
Grand total.....	89	1,406	8.5	88	20	32	51	85	368	592	113	42	15	.313	2	6	22	30	183	317	407	300	125	13	1					

CANDY MAKERS' HELPERS.

DIPPERS, MACHINE.

	Illinois	Kentucky	New York	Ohio	Other States	Total
One week:	3	4	27	3	6	15
Two weeks:	9.8	10.3	9.3	9.1	8.7	9.1
Three weeks:	1	1	2	2	1	1
Four weeks:	1	2	1	1	1	1
Five weeks:	1	2	1	1	1	1
Six weeks:	1	2	1	1	1	1
Seven weeks:	1	2	1	1	1	1
Eight weeks:	1	2	1	1	1	1
Nine weeks:	1	2	1	1	1	1
Ten weeks:	1	2	1	1	1	1
Eleven weeks:	1	2	1	1	1	1
Twelve weeks:	1	2	1	1	1	1
Thirteen weeks:	1	2	1	1	1	1
Fourteen weeks:	1	2	1	1	1	1
Fifteen weeks:	1	2	1	1	1	1
Sixteen weeks:	1	2	1	1	1	1
Seventeen weeks:	1	2	1	1	1	1
Eighteen weeks:	1	2	1	1	1	1
Nineteen weeks:	1	2	1	1	1	1
Twenty weeks:	1	2	1	1	1	1
Twenty-one weeks:	1	2	1	1	1	1
Twenty-two weeks:	1	2	1	1	1	1
Twenty-three weeks:	1	2	1	1	1	1
Twenty-four weeks:	1	2	1	1	1	1
Twenty-five weeks:	1	2	1	1	1	1
Twenty-six weeks:	1	2	1	1	1	1
Twenty-seven weeks:	1	2	1	1	1	1
Twenty-eight weeks:	1	2	1	1	1	1
Twenty-nine weeks:	1	2	1	1	1	1
Thirty weeks:	1	2	1	1	1	1
Thirty-one weeks:	1	2	1	1	1	1
Thirty-two weeks:	1	2	1	1	1	1
Thirty-three weeks:	1	2	1	1	1	1
Thirty-four weeks:	1	2	1	1	1	1
Thirty-five weeks:	1	2	1	1	1	1
Thirty-six weeks:	1	2	1	1	1	1
Thirty-seven weeks:	1	2	1	1	1	1
Thirty-eight weeks:	1	2	1	1	1	1
Thirty-nine weeks:	1	2	1	1	1	1
Forty weeks:	1	2	1	1	1	1
Forty-one weeks:	1	2	1	1	1	1
Forty-two weeks:	1	2	1	1	1	1
Forty-three weeks:	1	2	1	1	1	1
Forty-four weeks:	1	2	1	1	1	1
Forty-five weeks:	1	2	1	1	1	1
Forty-six weeks:	1	2	1	1	1	1
Forty-seven weeks:	1	2	1	1	1	1
Forty-eight weeks:	1	2	1	1	1	1
Forty-nine weeks:	1	2	1	1	1	1
Fifty weeks:	1	2	1	1	1	1
Fifty-one weeks:	1	2	1	1	1	1
Fifty-two weeks:	1	2	1	1	1	1
Fifty-three weeks:	1	2	1	1	1	1
Fifty-four weeks:	1	2	1	1	1	1
Fifty-five weeks:	1	2	1	1	1	1
Fifty-six weeks:	1	2	1	1	1	1
Fifty-seven weeks:	1	2	1	1	1	1
Fifty-eight weeks:	1	2	1	1	1	1
Fifty-nine weeks:	1	2	1	1	1	1
Sixty weeks:	1	2	1	1	1	1
Sixty-one weeks:	1	2	1	1	1	1
Sixty-two weeks:	1	2	1	1	1	1
Sixty-three weeks:	1	2	1	1	1	1
Sixty-four weeks:	1	2	1	1	1	1
Sixty-five weeks:	1	2	1	1	1	1
Sixty-six weeks:	1	2	1	1	1	1
Sixty-seven weeks:	1	2	1	1	1	1
Sixty-eight weeks:	1	2	1	1	1	1
Sixty-nine weeks:	1	2	1	1	1	1
Seventy weeks:	1	2	1	1	1	1
Seventy-one weeks:	1	2	1	1	1	1
Seventy-two weeks:	1	2	1	1	1	1
Seventy-three weeks:	1	2	1	1	1	1
Seventy-four weeks:	1	2	1	1	1	1
Seventy-five weeks:	1	2	1	1	1	1
Seventy-six weeks:	1	2	1	1	1	1
Seventy-seven weeks:	1	2	1	1	1	1
Seventy-eight weeks:	1	2	1	1	1	1
Seventy-nine weeks:	1	2	1	1	1	1
Eighty weeks:	1	2	1	1	1	

LABORERS.

One week:	6	437	9.0	22	7	9	12	18	62	198	75	26	7	30.372																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			</
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MACHINE OPERATORS.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Concluded.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Average earnings per hour worked.	Employees whose earnings per hour worked were—											
			Un-der 4.													14	16	18	20	25	30	35	40	50	60	70	80
			and under 4.	4.5	5.	6.	7.	8.	9.	10.	11.	12.	and under 12.	12. and over.		Un-der cts.	and under cts.	and under cts.	and under cts.	and under cts.	and under cts.	and under cts.	and under cts.	and under cts.	and over.		

MACHINE OPERATORS—Concluded.

One week—Concluded.																												
New York.....	6	103	9.1	3	2	2	10	8	60	5	9	4	.347						3	28	30	20	18	1	3			
Ohio.....	4	22	8.8	1	1	1	7	4	13	2	2	2	.268						7	10	8	2						
Pennsylvania.....	10	168	9.2	3	6	5	1	25	85	17	9	10	.349		1	1	2	9	33	50	32	33	6	1				
Tennessee.....	2	14	9.7						14				.268						2	7	2	1	2					
Washington.....	2	2	8.2				2						.443															
Wisconsin.....	4	16	9.5				1	13	2				.370							1	4	6	5					
Other States.....	3	13	9.2			1		1	9	2			.296							6	5	1	1					
Total.....	69	801	8.8	18	19	18	14	44	225	355	54	39	15	.349		2	4	5	50	194	156	210	156	19	11	3	1	
Two weeks and one-half month:																												
All States.....	2	8	7.0				4	3	1				.482							1			3	3	1			
Grand total.....	71	809	8.8	18	19	18	18	47	226	355	54	39	15	.350		2	4	5	50	185	156	210	159	22	12	3	1	

PACKERS.

One week:																												
Illinois.....	4	35	9.1			2	1	1		29	3			30,355						2	8	19	5	1				
Michigan.....	2	7	9.3							6				357							3	2	2					
Missouri.....	5	23	8.8			1			8	6	3	3		306					1	6	14	1	1					
New York.....	2	6	9.5						2	2	2			341						3	1							
Tennessee.....	2	23	8.0			2	1	4	2	11	1			327					16	6								
Other States.....	3	7	9.0						1	6				378						1	1	3	1					
Total.....	18	101	8.8	4		5	2	5	13	60	9	3		319					17	17	27	26	12	2				

WRAPPERS.

One week:	1	23	8.2	2	.....	1	1	1	1	1	17	.....	\$0.364	1	1	.....	3	2	6	10	.....	.....
All States.....																						

FEMALES.

CANDY MAKERS.

One week:	2	11	7.5	.....	.....	1	1	8	1	.....	.....	.....	\$0.230	.....	.....	.....	3	3	3	2	.....	.....
California.....	6	28	7.3	1	2	3	5	6	7	24	.....	.....	.229	7	5	2	.....	2	3	6	1	2
Other States.....																						
Total.....	8	39	7.4	1	2	4	6	14	8	24	.....	.....	.246	7	5	2	.....	5	6	9	3	2

CANDY MAKERS' HELPERS.

One week:	2	11	7.0	1	.....	1	2	3	4	.....	.....	.....	\$0.218	.....	.....	.....	1	.....	.....	.....	.....	.....
California.....	3	24	6.9	.....	.....	.....	2	9	20	2	.....	.....	.269	.....	.....	.....	1	.....	.....	.....	.....	.....
Illinois.....	2	17	8.2	1	.....	.....	.....	.....	.....	.....	.....	.....	.175	.....	.....	.....	1	.....	.....	.....	.....	.....
Indiana.....	2	17	8.0	2	.....	.....	.....	.....	.....	.....	.....	.....	.183	.....	.....	.....	3	.....	.....	.....	.....	.....
Kentucky.....	2	7	8.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.214	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts.....	2	29	8.3	2	.....	.....	.....	.....	.....	.....	.....	.....	.206	.....	.....	.....	1	.....	.....	.....	.....	.....
Missouri.....	4	46	8.3	2	.....	.....	.....	.....	.....	.....	.....	.....	.214	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York.....	6	14	7.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.224	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio.....	2	14	7.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.275	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oregon.....	2	13	7.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.220	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other States.....	4	.....	8.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	29	196	7.9	8	1	7	18	41	66	54	1	.....	.225	6	13	13	22	87	37	14	1	2
Two weeks and one-half month:																						
All States.....	2	13	7.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.310	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand total.....	31	209	7.8	8	1	7	22	48	68	54	1	.....	.230	6	13	13	23	90	37	16	7	3

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES (OUTSIDE)—Continued.

Locality.	Num-ber of estab-lish-ments	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			Un-der 4.													30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1.	\$1.25	\$1.50	\$1.75	\$2.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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Alabama.....	3	12	5.5	4	1	1	2		3		1	1		\$0.490					10	2	15	5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

CARPENTERS.

Alabama.....	3	5.5	4	1	1	2	4	1	3	1	1	1	1	1	\$0.490					10	2	15	5			
Colorado.....	12	7.7	2	1	1	2	4	1	8	2	1	1	1	1	.665					22	9	3				
Illinois.....	13	7.9	1	1	3	1	7	13	4	2					.607							1				
Indiana.....	2	7.6	1	1	1										.668											
Iowa.....	4	8.0	2	1	1										.617											
Kansas.....	27	6.5	1	1	1										.750											
Kentucky.....	18	6.7	1	4	5	3	4	1							.473											
Maryland.....	5	7.5	1	1	2	3	1								.615											
Missouri.....	4	4.8	1	1	1	2	1	0	2	1					.625											
New Mexico.....	4	7.3	1	2	2	1	1	0							.612											
Ohio.....	8	8.0	1	1	1	1	1	3	1	2					.612											
Oklahoma.....	3	7.4	1	1	9	14	22	13	9	1	4				.603											
Pennsylvania.....	23	7.7	3	1	1	1	1	3	1	8					.563											
Tennessee.....	3	7.4	1	1	1	2	3	3	1						.453											
Texas.....	7	7.6	1	1	5	5	2	1	2	1					.684											
West Virginia.....	5	7.5	3	2	1	3	1	2	1						.541											
Wyoming.....	1	7.9													.633											
Other States.....	3	5.2	1	2											.480											
Total.....	110	7.4	18	14	23	37	49	65	29	17	6	2			.582		2	4	32	103	105	13	1			

ENGINEERS.

Alabama.....	4	12	8.4	1	4	4	2	3	3	2	4	2	2	483	1	9	2	2	28	1	8	1
Colorado.....	17	51	9.1	1	3	4	1	2	8	4	1	2	2	680	2	2	45	3	8	
Illinois.....	16	50	9.0	1	3	3	4	10	16	4	4	4	5	710	1	1	3	1	13	1	
Indiana.....	11	23	11.1	.....	.....	.....	.....	.....	15	1	1	2	2	601	.....	1	10	8	8	.....	.....
Iowa.....	11	23	9.5	1	2	1	2	3	3	3	1	3	2	601	.....	1	5	10	.....	.....	.....
Kansas.....	5	10	10.3	.....	.....	.....	.....	.....	3	1	1	2	2	485	.....	3	3	.....	.....	.....	.....
Kentucky.....	5	10	9.9	.....	.....	.....	.....	.....	3	1	1	2	2	485	.....	2	1	.....	.....	.....	.....
Maryland.....	5	10	10.2	.....	.....	.....	.....	.....	3	1	1	2	2	612	.....	1	1	.....	.....	.....	.....
Missouri.....	11	21	9.4	.....	.....	.....	.....	.....	7	8	1	1	1	571	.....	1	12	7	4	.....	.....
New Mexico.....	3	27	7.3	1	5	4	4	3	3	1	1	1	1	644	.....	1	4	20	1	1	.....	
Ohio.....	4	7	12.1	2	1	1	1	1	1	1	1	4	4	509	.....	3	1	3	1	.....	.....
Oklahoma.....	8	17	11.4	2	1	1	2	9	4	6	1	11	8	570	.....	1	12	16	15	4	.....	
Pennsylvania.....	20	49	9.4	1	1	2	4	13	4	2	1	3	3	601	.....	1	26	8	4	.....	.....
Tennessee.....	6	18	9.0	3	2	1	1	3	7	13	1	2	2	447	4	6	3	23	2	1	
Utah.....	7	29	7.8	3	2	1	1	1	1	1	1	1	1	634	.....	1	3	6	1	.....	.....
West Virginia.....	5	10	10.0	1	1	1	1	1	1	1	1	1	1	522	.....	1	1	6	8	.....	.....
Wyoming.....	4	8	7.1	1	1	1	1	1	1	1	1	1	1	571	.....	1	1	2	.....	.....	.....
Other States.....	1	2	6.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	500	.....	2	.....	.....	.....	.....	.....
Total.....	150	380	9.1	14	16	20	24	57	99	59	27	48	607	8	9	25	119	186	29	3	1	

FIREMEN.

Alabama.....	4	32	8.3	4	1	3	1	3	4	6	5	1	4	\$0.401																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				</
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AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES (OUTSIDE)—Concluded.

Locality.	Num-ber of estab-lish-ments.	Aver- age hours worked per week day.	Employees whose average hours per week day for the pay-roll period were—												Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—												
			Un-der 4.													Un-der 30 cts.												
			4.	5.	6.	7.	8.	9.	10.	11.	12.	Un-der 30 cts.	35 cts.	40 cts.		45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1.	\$1.20	\$1.40	\$1.75	\$2		
Alabama.....	5	140	29	7	6	26	32	26	7	3	3	4	\$0.373	5	37	64	29	5	102	3	3	3	3	3	3	3	3	
Colorado.....	18	257	33	21	32	36	43	26	7	3	1	5	.500	1	1	1	1	1	151	2	245	8	8	8	8	8	8	
Illinois.....	16	251	33	21	43	35	47	40	17	6	6	6	.550	3	3	3	3	3	1	1	1	1	1	1	1	1	1	
Indiana.....	10	122	7	4	5	23	23	35	9	4	5	6	.549	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Iowa.....	11	72	6	3	11	15	12	9	6	1	1	1	.531	1	32	4	127	56	24	46	2	2	2	2	2	2	2	
Kansas.....	12	48	6	9	2	10	13	10	2	2	2	2	.550	1	2	2	2	2	3	3	3	3	3	3	3	3	3	
Kentucky.....	19	245	38	21	23	61	45	37	18	1	1	1	.432	1	2	1	2	3	67	2	2	2	2	2	2	2	2	
Maryland.....	6	67	6	2	12	15	12	7	3	1	1	1	.545	1	2	2	2	2	44	32	4	4	4	4	4	4	4	
Missouri.....	10	62	14	19	8	10	6	5	16	6	1	1	.463	5	5	9	24	2	140	2	140	2	140	2	140	2	140	
New Mexico.....	6	114	6	10	12	14	13	20	49	17	3	1	.562	5	5	9	24	2	140	2	140	2	140	2	140	2	140	
Ohio.....	13	146	7	4	11	22	11	30	49	17	3	1	.546	15	7	18	205	560	24	1	1	1	1	1	1	1	1	
Oklahoma.....	8	47	6	6	6	6	11	8	8	1	1	1	.546	15	7	18	205	560	24	1	1	1	1	1	1	1	1	
Pennsylvania.....	31	896	103	64	169	134	155	72	52	43	10	28	.512	15	7	18	205	560	24	1	1	1	1	1	1	1	1	
Tennessee.....	6	117	16	16	16	16	16	16	16	16	16	16	.359	66	4	41	5	1	94	35	1	1	1	1	1	1	1	
Utah.....	7	129	36	18	18	18	22	8	2	1	1	1	.586	2	1	1	1	1	4	1	1	1	1	1	1	1	1	
Virginia.....	4	42	8	8	8	7	13	8	8	5	8	6	.286	2	1	1	1	1	4	1	1	1	1	1	1	1	1	
West Virginia.....	13	102	27	21	24	23	21	24	8	5	8	6	.286	2	1	1	1	1	4	1	1	1	1	1	1	1	1	
Wyoming.....	4	46	7	4	9	6	6	6	6	3	2	1	.600	10	172	151	300	477	1,680	96	1	1	1	1	1	1	1	
Total.....	198	2,887	377	266	441	505	503	426	208	86	27	49	.499	10	172	151	300	477	1,680	96	1	1	1	1	1	1	1	1

LABORERS.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION, OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

CONFECTIONERY.

MALES.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Employees whose earnings per hour worked were—													
			Average earnings per hour worked.												Un-der 14 cts. a day.													
			Un-der 4.	4 and 5.	5 and 6.	6 and 7.	7 and 8.	8 and 9.	9 and 10.	10 and 11.	11 and 12.	12 and over.	Average earnings per hour worked.	Un-der 14 cts. a day.	14 and 16 cts. a day.	16 and 18 cts. a day.	18 and 20 cts. a day.	20 and 25 cts. a day.	25 and 30 cts. a day.	30 and 35 cts. a day.	35 and 40 cts. a day.	40 and 45 cts. a day.	45 and 50 cts. a day.	50 and 60 cts. a day.	60 and 70 cts. a day.	70 and 80 cts. a day.	80 and over.	
CANDY MAKERS.																												
One week:																												
California.....	10	8.9	1	1	1	1	1	1	1	1	1	1	30.448															
Georgia.....	2	8.5	1	1	1	1	1	1	1	1	1	1	442															
Illinois.....	8	9.1	4	1	1	1	1	1	1	1	1	1	484															
Indiana.....	8	9.0	1	1	1	1	1	1	1	1	1	1	439															
Iowa.....	2	9.8	1	1	1	1	1	1	1	1	1	1	428															
Kentucky.....	2	8.1	1	1	1	1	1	1	1	1	1	1	369															
Maryland.....	84	9.4	1	1	1	1	1	1	1	1	1	1	451															
Massachusetts.....	6	8.2	1	1	1	1	1	1	1	1	1	1	413															
Michigan.....	2	8.7	1	1	1	1	1	1	1	1	1	1	418															
Minnesota.....	6	9.5	1	1	1	1	1	1	1	1	1	1	455															
Missouri.....	7	9.8	1	1	1	1	1	1	1	1	1	1	480															
New Jersey.....	8	8.4	1	1	1	1	1	1	1	1	1	1	586															
New York.....	8	9.1	1	1	1	1	1	1	1	1	1	1	430															
Ohio.....	9	8.0	1	1	1	1	1	1	1	1	1	1	427															
Oregon.....	2	8.7	1	1	1	1	1	1	1	1	1	1	611															
Pennsylvania.....	12	8.8	1	1	1	1	1	1	1	1	1	1	447															
Tennessee.....	2	8.8	1	1	1	1	1	1	1	1	1	1	473															
Washington.....	4	8.0	1	1	1	1	1	1	1	1	1	1	596															
Wisconsin.....	7	9.4	1	1	1	1	1	1	1	1	1	1	468															
Other States.....	1	9.9	1	1	1	1	1	1	1	1	1	1	481															
Total.....	97	8.9	25	6	16	21	38	283	459	88	40	17	455	1	2	1	12	38	94	155	404	197	71	15	10	1	1	
Two weeks and one-half months:																												
California.....	2	7.1	1	1	1	1	1	1	1	1	1	1	523															
Oregon.....	2	7.4	1	1	1	1	1	1	1	1	1	1	689															
Other States.....	1	8.1	1	1	1	1	1	1	1	1	1	1	521															
Total.....	5	7.5	1	1	1	1	1	1	1	1	1	1	601															
Grand total.....	102	8.9	26	6	16	22	48	296	460	88	40	17	457	1	2	1	12	38	94	156	408	202	77	17	11	1	1	

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earn-ings per hour worked.	Employees whose earnings per hour worked were—											
			Un-der 4.	4 and 5.	5 and 6.	6 and 7.	7 and 8.	8 and 9.	9 and 10.	10 and 11.	11 and 12.	12 and over.	Un-der 14 cts.	14 and 16 cts.		16 and 18 cts.	18 and 20 cts.	20 and 25 cts.	25 and 30 cts.	30 and 35 cts.	35 and 40 cts.	40 and 50 cts.	50 and 60 cts.	60 and 70 cts.	70 and 80 cts.	80 and over.	
Onweek:																											
California.....	7	62	8.3	3	1	1	4	31	22				\$0.300					10	17	24	10	1					
Georgia.....	2	12	8.5	13	1	4	14	42	134	39	3	2	.259	2	6	2	3	5	3	4	64	108	56	4			
Illinois.....	7	256	8.4	3	1	1	1	2	19				.265				1	7	14	4							
Indiana.....	3	24	8.4	2	2	1	1	1	5	3			.255				1	9	2	1							
Iowa.....	2	13	7.8	5	1	4	1	3	17				.227				2	10	7	3							
Kentucky.....	2	22	7.8	2	1	1	1	3	15	1	2		.294				4	15	31	21	6	2					
Maryland.....	3	73	7.3	5	1	4	7	0	43	4			.273				2	6	20	36	7						
Massachusetts.....	5	55	8.1	2	1	4	4	4	21				.385					11	13	3	7	2					
Michigan.....	2	36	8.1	2	1	3	3	1	16	16	5		.250				7	6	11	6	3						
Minnesota.....	5	49	8.0	4	1	3	2	3	61	29	26	10	.298				2	12	23	60	52	40	2				
Missouri.....	7	191	9.2	10	1	3	2	75	97	15	3		.323				19	72	91	46	19	4					
New York.....	8	251	8.2	17	8	6	7	23	45	38	13	8	.271				4	1	26	18	32	4	2				
Ohio.....	8	87	9.1	4		2	3	2	15	38			.349					12	18	8	2	2					
Oregon.....	2	13	8.0						7	49	8		.311				1	12	18	37	8	4	2				
Pennsylvania.....	8	82	8.4	6	1	4	3	3	7	10			.270				1	4	4	7							
Tennessee.....	2	15	8.6	1		1	1	3	3				.403					1	1		7	4	2				
Washington.....	4	14	7.7			1	1	1	5	72			.288				1		13	32	26	9	3				
Wisconsin.....	7	84	9.1	2	1	1	1	1	8				.306					1	5	10	1						
Other States.....	1	17	8.1	1	1		7	1	7																		
Total.....	85	1,363	8.5	88	20	32	46	83	363	591	113	42	15	.313	2	6	22	29	182	314	407	299	119	12	1		
Two weeks and one-half month:																											
All States.....	4	13	7.7				5	2	5	1				.377				1	1	3			1	6	1		
Grand total.....	89	1,406	8.5	88	20	32	51	85	368	592	113	42	15	.313	2	6	22	30	183	317	407	300	125	13	1		

CANDY MAKERS' HELPERS.

WRAPPERS.

One week:	1	23	8.3	2	.....	1	1	1	1	1	17	.....	\$0.364	1	1	.....	3	2	6	10	.....
All States.....																					

FEMALES.

CANDY MAKERS.

One week:	2	11	7.5	.....	1	1	8	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
California.....	6	28	7.3	1	2	3	5	6	7	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other States.....										
Total.....	8	30	7.4	1	2	4	6	14	8	24

CANDY MAKERS' HELPERS.

One week:	2	11	7.0	1	1	2	3	4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—										Employees whose earnings per hour worked were—													
			Aver-age earnings per hour worked.										Un-der 14 cts.													
			Un-der 4.	4 5.	5 6.	6 7.	7 8.	8 9.	9 10.	10 11.	11 12.	12 over.	14 16 cts.	16 18 cts.	18 20 cts.	20 25 cts.	25 30 cts.	30 35 cts.	35 40 cts.	40 50 cts.	50 60 cts.	60 70 cts.	70 80 cts.	80 over.		
DIPPERS, HAND.																										
One week:																										
California.....	10	133	7.4	5	3	3	23	20	79	5			30,259	1	78	21	34	48	7	8	1					
Georgia.....	2	39	8.1	2	1	1	9	21	21	15			251	3	1	0	11	11	5	1						
Illinois.....	7	219	7.6	19	2	10	27	21	125	9			340	12	1	4	5	70	22	17	4	12	7		6	
Indiana.....	3	36	7.5	3	2	2	3	4	13	2			174	10	6	7	5	5	2	1						
Iowa.....	2	16	7.3	1			2	4	6				276	1			3	4								
Maryland.....	3	197	6.8	37	15	5	20	31	45	44			186	1			3	4	3	2						
Massachusetts.....	5	383	6.9	29	17	18	57	280	2				275	28	10	12	92	103	8	15	2	1				
Michigan.....	2	23	8.2	1			6	19	4	5			213	1			8	10								
Minnesota.....	5	59	7.8	1	3		2	19	19	11			213	11	4	7	46	100	37	9	1					
Missouri.....	2	261	7.5	21	10	1	33	9	141	46			226	13	23	7	31	39	29	10	12	1				
New Jersey.....	2	80	8.2	1			3	5	22	1			364	2	4	6	6	6	5	4	14	19	1			
New York.....	8	217	7.4	10	9	13	44	54	95	12			283	5	11	8	31	49	56	42	34	16	2			
Ohio.....	8	161	6.7	18	18	8	27	29	61				223	2	5	31	31	39	29	10	10	1				
Oregon.....	2	30	6.9	8	1	3	18	1					347	6	13	23	5	6	6	6	3	2				
Pennsylvania.....	8	185	7.5	17	14	6	11	19	61	57			290	1	18	18	16	24	24	27	28	3	2			
Tennessee.....	2	7	9.0				1	1	5				205	1	1		2	4	1							
Washington.....	4	26	7.0	2	1	8	10	5					363	15	5	13	55	42	31	4	2	1	1			
Wisconsin.....	7	184	8.4	4	2	8	12	17	43	98			244	3	3	3	4									
Other States.....	2	44	8.8	2	2	2	2	2	29				171	22	7	3	4									
Total.....	89	2,320	7.4	171	106	83	283	631	749	392			202	94	192	141	235	530	407	319	174	119	27	18	8	0
Two weeks and one-half month:																										
California.....	2	19	7.4	1			2	8	8				268				5	9								
Oregon.....	2	21	6.4	2	1	2	8	4	4				419				1	2	8	5	1	2			1	
Other States.....	1	26	6.1	5	3	1	7	3	7				280	1	4		3	7	9	2						
Total.....	5	66	6.5	8	4	3	17	15	19				301	1	4		3	13	19	9	8	5	1	2		1
Grand total.....	94	2,386	7.4	179	110	86	306	646	768	392			263	95	196	141	238	553	426	328	182	124	23	20	8	7

DIPPERS, MACHINE.

[illegible]

LABORERS.

	One week.	Two weeks and one-half month.	Three weeks and two months.	Four weeks and three months.	Five weeks and four months.	Six weeks and five months.	Seven weeks and six months.	Eight weeks and seven months.	Nine weeks and eight months.	Ten weeks and nine months.	Eleven weeks and ten months.	Twelve weeks and eleven months.	Total.
California.....	9	7.2	1	3	2	3							
Illinois.....	134	8.0	6	5	7	18	78	15					
Indiana.....	2	10	2	2	2	2	2	4					
Kentucky.....	2	20	8.4	3	1	2	14	3					
Maryland.....	2	4	7.8	1			3						
Massachusetts.....	6	244	7.1	13	4	13	34	162	18				
Minnesota.....	2		2										
Missouri.....	3	5.0	2	1									
New York.....	5	71	7.9	3	1	5	9	36	16				
Ohio.....	5	112	7.8	3	7	15	16	67	4				
Oregon.....	3	17	6.7	4				8					
Pennsylvania.....	2	13	7.1	1				6					
Texas.....	4	51	7.4	6	2	2	5	13	19				
Vermont.....	2	11	7.7					10	1				
Washington.....	5	122	7.6	8	7	16	17	15	62				
Wisconsin.....	2	31	6.3	7	1	2	4	9	8				
Other States.....													
Total.....	49	852	7.5	59	22	38	94	254	258	127			
Two weeks and one-half month:													
California.....	2	5	7.8										
Grand total.....	51	857	7.5	59	22	38	94	256	261	127			

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES—Concluded.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Num-ber of em-ploy-ees.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				Un-der 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to 12.	12 and over.	Un-der 14 cts.	14 to 16 cts.		16 to 18 cts.	18 to 20 cts.	20 to 25 cts.	25 to 30 cts.	30 to 35 cts.	35 to 40 cts.	40 to 50 cts.	50 to 60 cts.	60 to 70 cts.	70 to 80 cts.	80 and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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PACKERS.

One week:																													
California.....	9	180	7.0	16	6	6	32	20	109					\$0.315		2	36	37	80	25	4	2	3						
Georgia.....	2	55	8.0	2	1	3	1	12	29					.180		13	12	10	19										
Illinois.....	8	631	7.9	41	21	31	23	77	414	74				.349	12	9	42	372	144	61	26	13	1						
Indiana.....	3	45	7.5	5	2			6	16	12				.183	13	8	10	4	8										
Iowa.....	2	21	6.8	4		2	3	5	5					.208															
Kentucky.....	2	104	7.5	20	1	12	6	19	30	74				.138	66	17	9	14	69	48									
Maryland.....	3	227	7.8	13	13	13	13	20	115					.272	72	27	38	27	369	260	132	65	11	2					
Massachusetts.....	6	904	7.0	46	33	56	148	501	6	17				.283	1	3	9	12	38	13									
Michigan.....	2	64	7.6	3	2	5	13	13	51	13				.211			17	17	7	1									
Minnesota.....	4	128	6.5	28	5	5	13	13	32	238				.178		45	40	12	46	22									
Miscellaneous.....	7	434	7.3	45	11	7	51	32						.200	62	75	39	42	140		4								

New Jersey	2	108	7.0	1	73	10	68	75	1	85	7	207	11	66	28	7	40	32	2	3	1	1	
New York	3	875	6.9	1	43	69	98	113	267	75	23	277	75	70	23	277	75	40	32	19	3	1	
Ohio	8	302	6.7	42	22	13	42	39	139	5	217	3	26	105	34	66	14	7	1	.....	.....	.....
Oregon	2	38	7.6	.....	.....	3	5	1	29	.....	7	.....	.....	7	7	.....	.....	.....	.....	.....	.....	.....
Pennsylvania	12	560	7.4	69	26	17	41	62	177	168	2	222	1	58	141	124	106	43	31	30	23	3	
Tennessee	2	65	8.4	3	.....	5	1	4	10	42	4	163	15	27	2	11	9	1	.....	.....	.....	.....
Washington	4	56	7.3	.....	.....	3	11	36	6	.....	2	266	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin	4	213	8.2	10	7	6	10	23	32	125	7	204	16	21	43	39	53	23	16	1	1	.....	
Other States	1	14	7.6	1	2	.....	.....	1	4	6	.....	200	.....	7	1	5	.....	1	.....	.....	.....	.....
Total	94	4,973	7.3	419	224	257	516	1080	1742	745	223	210	682	744	1628	687	350	180	88	10	1	1
Two weeks and one-half month:	
California	2	27	7.5	1	.....	.....	1	12	13	.....	220	.....	.....	1	4	19	1	1	.....	.....	.....	.....
Oregon	2	68	6.3	7	5	4	20	30	2	.....	318	.....	.....	.....	.....	26	29	7	6	.....	.....	.....
Other States	1	22	6.7	2	3	.....	4	6	7	.....	249	1	.....	1	2	9	3	5	.....	1	.....	.....
Total	5	117	6.6	10	8	4	25	43	22	.....	282	1	.....	2	6	28	30	35	8	7	.....	.....
Grand total	99	5,090	7.3	429	242	261	541	1108	1764	745	224	211	684	750	1656	717	385	188	95	10	1	1

WRAPPERS.

One week:	6	142	7.3	4	5	11	21	36	65		\$0.312	1	23	16	79	14	8	1	
California.....	2	22	8.3	6	1	1	3	2	11	15	191	4	7	4	18	7	11	0	1
Georgia.....	3	34	7.6	3	1	3	3	6	25	14	231	11	6	4	3	2	1		
Illinois.....	4	67	7.9	3	1	1	3	11	10	15	158	6	3	4	3	2	1		
Indiana.....	2	15	8.2	1	1	1	1	5	5	5	183	18	6	3	5	1	1		
Iowa.....	2	287	7.3	16	5	7	23	128	88	1	258	3	3	23	122	49	37	14	12
Massachusetts.....	2	8	7.6	2	1	1	1	1	1	1	207	3	1	5	5	2			
Michigan.....	3	26	7.1	2	1	1	2	4	17	5	207	6	7	5	7	5	2	1	
Minnesota.....	5	69	7.3	5	2	1	4	8	32	18	222	3	10	5	7	24	10	6	4
Missouri.....	6	133	7.3	14	9	13	26	18	72	28	212	3	23	26	32	61	25	11	3
New York.....	1	6	7.0	1	1	1	6	3	5	1	209	22	23	2	14			3	2
Ohio.....	4	16	7.0	2	1	1	9	40	50	68	241	12	13	39	44	47	34	20	14
Pennsylvania.....	2	15	8.5	1	1	3	7	1	11	1	187	3	5	3	6	1			5
Tennessee.....	6	79	8.5	1	1	3	7	11	7	51	193	9	7	19	12	18	14		
Wisconsin.....	5	66	8.2	2	1	1	11	4	17	31	273	8	7	4	6	5	12	7	4
Other States.....																			
Total.....	61	1,289	7.5	77	43	64	120	276	409	250	228	65	91	146	153	415	173	102	49
Two weeks and one-half month:																			
All States.....	1	14	5.1	4	3	2	2	3	2		.195	1	2	5	1	4		1	
Grand total.....	62	1,263	7.5	81	46	66	120	279	411	250	228	66	93	151	154	419	173	103	49

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

ELECTRICAL MACHINERY, APPARATUS, AND SUPPLIES.

MALES.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Num-ber of em-ploy-ees.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—										Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				Un-der 4.	4 and under 5.	5 and under 6.	6 and under 7.	7 and under 8.	8 and under 9.	9 and under 10.	10 and under 11.	11 and under 12.	12 and over.		Un-der 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 35 cts.	35 and under 40 cts.	40 and under 45 cts.	45 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 and under 80 cts.	80 and under 90 cts.	90 and over. \$1.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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ARMATURE WINDERS.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
 OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY--Continued.

MALES—Continued.[illegible]

MALES—Continued.

[illegible]

**AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.**

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—											
			Un-der 4.	4	5	6	7	8	9	10	11	12	Un-der 20 cts.	20 and under 25 cts.		25 and under 30 cts.	30 and under 35 cts.	35 and under 40 cts.	40 and under 45 cts.	45 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 and under 80 cts.	80 and under 90 cts.	90 and over \$1.		
				4.	5.	6.	7.	8.	9.	10.	11.	12.		20		25	30	35	40	45	50	60	70	80	90		
One week:																											
Connecticut.....	2	8.5			1	1	1	1	5	6			\$0.351			2	1	3	4	3	3						
Indiana.....	2	8.2							1	1			.486														
Massachusetts.....	3	8.1	1	1	3	10	38	61	15	6	1		.643			1	6	26	2	9	64	31	10				
New Jersey.....	2	8.8					1	21	4				.457					4	2	16	1						
New York.....	5	7.8	2	1		1			3				.500					1	1	5	1						
Pennsylvania.....	2	8.8			1		5	7	34				.426					2	5	1	1						
Other States.....	2	7.8											.508				2	2	4	14	15	9					
Total.....	18	8.1	3	2	5	17	47	124	37	6	1		.515			2	6	20	38	34	89	43	10				
Two weeks and one-half month:																											
Ohio.....	3	8.3					3		2				.498				2				1	1	1				
Pennsylvania.....	2	8.6				1	1	1	3	6			.491			1	5		1	2	2	3					
Total.....	5	8.5			1	1	1	4	3	8			.493			1	2	5	1	3	1	4					
One month:																											
All States.....	3	8.6					6	18	9	2			.406			6	3	4	5	2	7	1		1			
Grand total.....	26	8.1	3	2	6	18	57	145	54	8	1		.500			6	6	12	31	43	37	99	45	14	1		

INSPECTORS AND TESTERS.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.
MALES—Continued.

6

BULLETIN OF THE

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earn-ings per hour worked.	Employees whose earnings per hour worked were—											
			Un-der 4.	4 and under 5.	5 and under 6.	6 and under 7.	7 and under 8.	8 and under 9.	9 and under 10.	10 and under 11.	11 and under 12.	12 and over.	Un-der 20 cts.	20 and under 25 cts.		25 and under 30 cts.	30 and under 35 cts.	35 and under 40 cts.	40 and under 45 cts.	45 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 and under 80 cts.	80 and under 90 cts.	90 cts. and over.		

FITTERS.

One week:																										
Massachusetts.....	2	29	7.9				1	13	15																	
New Jersey.....	3	14	7.4	1			2	4	6		1															
New York.....	2	8	8.0					2	6																	
Other States.....	3	23	8.6	1		1		2	2	17																
Total.....	10	74	8.0	2		1	3	21	29	17	1															
Two weeks and one-half month:																										
Pennsylvania.....	2	7	8.9						2	5																
Ohio.....	2	3	8.5					1		2																
Total.....	4	10	8.8					1	2	7																
Grand total.....	14	84	8.1	2		1	3	22	31	24	1															

FITTERS.

GRINDERS.

[illegible]

HANDY MEN.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Num-ber of em-ploy-ees	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—											
				Un-der 4.	4.	5.	6.	7.	8.	9.	10.	11.	12.	Un-der 20 cts.	20		25	30	35	40	45	50	60	70	80	90	\$1 and over.	
					and un-der 4.	and un-der 5.	and un-der 6.	and un-der 7.	and un-der 8.	and un-der 9.	and un-der 10.	and un-der 11.	and un-der 12.		and un-der 25 cts.		and un-der 30 cts.	and un-der 35 cts.	and un-der 40 cts.	and un-der 45 cts.	and un-der 50 cts.	and un-der 60 cts.	and un-der 70 cts.	and un-der 80 cts.	and un-der 90 cts.			
One week:																												
Connecticut.....	2	10	8.5		1	1	1	1	5	1	6			\$0.351			2	1	3	4	3	3						
Indiana.....	2	6	8.2											.486							9	54	31	10				
Massachusetts.....	3	196	8.1	1	3	10	38	61	15	6	1			.643			1	6	36	2	2							
New Jersey.....	5	5	8.8				1	1						.457					2	4	5	16	1					
New York.....	2	28	7.8	2	1				21	3	8			.500					2	5	1	1	1					
Pennsylvania.....	2	11	8.8		1				2	2				.426				2	2	4	14	15	9					
Other States.....	2	46	7.8			5	7	34						.508														
Total.....	18	242	8.1	3	2	5	17	47	124	37	6	1		.515			2	6	20	38	34	89	43	10				
Two weeks and one-half month:																												
Ohio.....	3	5	8.3					3		2				.498				2				1	1	1				
Pennsylvania.....	2	12	8.6		1	1	1	3	6					.491			1		5		1	2	3					
Total.....	5	17	8.5		1	1	4	3	8					.493			1	2	5		1	3	1	4				
One month:																												
All States.....	3	35	8.6					6	18	9	2			.406			6	3	4	6	5	2	7	1		1		
Grand total.....	26	294	8.1	3	2	6	18	57	145	54	8	1		.500			6	6	12	31	43	37	99	45	14	1		

INSPECTORS AND TESTERS.

MACHINISTS.

[illegible]

METAL FINISHERS.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver-age hours work-ed per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour work-ed.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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			4	5	6	7	8	9	10	11	12	Un-der 20 cts.	25 cts.	30 cts.		35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1 and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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MILLING-MACHINE HANDS AND OPERATORS.

PLANER AND SHAPER HANDS AND OPERATORS.

[illegible]

POLISHERS AND BUFFERS.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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			4 3.	5 6.	6 7.	7 8.	8 9.	9 10.	10 11.	11 12.	12 over.	20 der cts.	25 30 cts.	30 35 cts.		35 40 cts.	40 45 cts.	45 50 cts.	50 60 cts.	60 70 cts.	70 80 cts.	80 90 cts.	90 and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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PUNCH-PRESS HANDS AND OPERATORS.

SCREW-MACHINE HANDS AND OPERATORS.

[illegible]

SHEET-METAL WORKERS.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Num-ber of em-ploy-ees.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—						Aver-age earnings per hour work-ed.	Employees whose earnings per hour worked were—														
				4	5	6	7	8	9		12	14	16	18	20	25	30	35	40	45	50	60	70	80	90
				Un-der 4.	un-der 5.	un-der 6.	un-der 7.	un-der 8.	un-der 9.		un-der 12.	un-der 14.	un-der 16.	un-der 18.	un-der 20.	un-der 25.	un-der 30.	un-der 35.	un-der 40.	un-der 45.	un-der 50.	un-der 60.	un-der 70.	un-der 80.	un-der 90.	over.

DRILL-PRESS HANDS AND OPERATORS.

One week:																										
Connecticut.....	3	10	8.8					2	8	\$0.275								3	1	1						
Indiana.....	2	13	7.6					1	8	.312								3	2	2	4					
Massachusetts.....	2	16	7.8					1	8	.414								2	3	2						
New York.....	2	7	7.5					1	5	.367								3	2	1						
Other States.....	2	37	7.4					2	21	.334								6	11	5	4	2				
Total.....	11	83	7.7					2	42	.341								12	24	18	8	6	6			1
Two weeks and one-half month:																										
All States.....	1	4	8.1					1	2	.200								4								
One month:																										
All States.....	1	19	7.4					1	11	.329								1	5	2	3	4	1	1	2	
Grand total.....	13	106	7.7					4	53	.334								1	21	26	21	12	9	7	8	1

INSPECTORS AND TESTERS.

[illegible]

LATHE HANDS AND OPERATORS.

[illegible]

METAL FINISHERS.

[illegible]

TABLE 1.—AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FOUNDRIES.
MALES.

[illegible]

CHIPPERS AND GRINDERS.

[illegible]

[illegible]

CORE MAKERS, FIRST CLASS.

[illegible]

¹ Including 1 establishment with monthly pay period.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of es-tab-lish-ments.	Num-ber of employ-ees.	Av-erage hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Average earnings per hour worked.	Employees whose earnings per hour worked were—																		
				Un-der 4.5. 4.6. 4.7. 4.8. 4.9. 4.10. 4.11. 4.12.													Un-der 25 cts.	25 to 30 cts.	30 to 35 cts.	35 to 40 cts.	40 to 45 cts.	45 to 50 cts.	50 to 55 cts.	55 to 60 cts.	60 to 65 cts.	65 to 70 cts.	70 to 75 cts.	75 to 80 cts.	80 to 90 cts.	90 cts. and over.					
				4.	5.	6.	7.	8.	9.	10.	11.	12.																							
CORE MAKERS, SECOND CLASS.																																			
One week:																																			
Connecticut.....	4	7	9.0	2	3	3	10	11	34	15																									
Iowa.....	2	82	8.2	4	2	3	3	4	3	1																									
Kentucky and Tennessee.....	5	9	7.5	1																															
Maine and New Hamp-shire.....	2	2	8.4																																
Missouri.....	5	27	7.6	2	2	1	4	5	1	11	1																								
New Jersey.....	3	10	8.7	1																															
New York.....	5	7	8.8																																
Pennsylvania.....	2	5	7.9																																
Other States.....	6	24	9.6	1	1	1		3	5	2	6																								
Total.....	34	173	8.3	7	7	5	7	26	28	69	18	6																							
Two weeks:																																			
California.....	2	5	7.8																																
Michigan.....	2	26	7.9	2		1	1	3	13	6																									
Minnesota and Wisconsin.....	4	26	8.9	1	2																														
Other States.....	15	65	7.8	3	4	1	4	12	16	25																									
Total.....	113	122	8.0	6	6	2	5	13	43	37	3	2																							
Grand total.....	147	285	8.2	13	13	7	12	44	71	106	21	8																							

CORE MAKERS, SECOND CLASS.

CRANE OPERATORS.

One week:									
Alabama and Georgia...	3	0	11.2					1	
Connecticut...	5	5	8.4					1	
Delaware and Maryland...	3	9	8.5					1	
Illinois...	6	20	10.4					1	
Massachusetts...	2	12	10.3					1	
Missouri...	4	17	8.6					1	
New Jersey...	5	21	9.4					1	
New York...	8	17	9.9					1	
Ohio...	2	10	9.2					1	
Oregon and Washington...	3	7	7.8					1	
Pennsylvania and West Virginia...	2	9	8.5					1	
Rhode Island...	3	7	9.5					1	
Other States...	6	80	9.1					1	
Total...	52	220	9.3	4	5	1	5	23	43
Two weeks:									
California...	2	10	9.9					1	
Michigan...	2	4	10.2					1	
Minnesota and Wisconsin...	5	14	10.6					1	
Ohio...	3	28	9.8					1	
Oregon and Washington...	3	3	7.7					1	
Pennsylvania and West Virginia...	15	84	9.7					1	
Other States...	4	11	9.0					1	
Total...	124	154	9.7	7	1	2	6	34	77
Grand total...	176	374	9.5	11	6	3	11	104	213

¹ Includes 1 establishment with monthly pay period.

[illegible]

HANDY MEN.

[illegible]

Includes 1 establishment with monthly pay period.

Ohio.....	3	517	8.5	44	1	2	14	20	48	58	54	33	35	421	3	6	274	383	1	.....									
Oregon and Washington.....	4	519	7.4	2	4	7	18	15	30	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania and West Virginia.....	16	652	8.4	52	14	24	42	97	137	131	56	46	53	467	1	3	316	173	105	40	4	1	.....						
Other states.....	2	109	8.5	3	7	9	5	7	9	48	16	5	.....	395	1	1	94	13	.....	.....	.....	.....	.....		
Total.....	130	1,728	8.5	138	44	51	93	179	334	413	262	102	112	454	2	22	104	834	305	181	119	27	9	1	3	1			
Grand total.....	144	5,031	8.4	204	135	171	331	562	1119	1159	833	244	183	440	27	57	303	708	2135	876	501	206	92	31	35	21	23	9	7

MOLDERS, BENCH.

[illegible]

1 Includes 1 establishment with monthly pay period.

MOLDERS, FLOOR, SPECIALIST.

[illegible]

MOLDERS, MACHINE.

[illegible]

Includes 1 establishment with monthly pay period.

**AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.**

MALES—Continued.

Pay-roll period and locality.	Num-ber of es-tab-lish-ments.	Num-ber of em-ploy-ees.	Av-erage hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Employees whose earnings per hour worked were—													
				Un-der 4. 5. 6. 7. 8. 9. 10. 11. 12.												Un-der 25 cts. 30 cts. 35 cts. 40 cts. 45 cts. 50 cts. 55 cts. 60 cts. 65 cts. 70 cts. 75 cts. 80 cts. 90 cts. and \$1. and over.													
				4	5	6	7	8	9	10	11	12	Average earnings per hour worked.	25 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	55 cts.	60 cts.	65 cts.	70 cts.	75 cts.	80 cts.	90 cts.	\$1.	and over.	\$1.25 and over.

MOLDERS, MACHINE—Concluded.

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MOLDERS' HELPERS, FLOOR.

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	99	7-2	7	1	3	7	64	12	3	1	1	617	58	21	11	5	3	1										
Oregon and Washington...	3	6	10.0	4	2	4	2										
Rhode Island.....	2	6	8.1	2	1	3	9	17	9	46	2	5	11	59	10	1	1	1										
Other States.....	4	89	8.1	...	...	...	...	...	...	...	...	472	...	...	...	...	...	...				
Total.....	37	505	8.0	20	19	16	41	118	112	108	54	9	8	462	3	8	73	150	40	89	87	20	6	4	1	1	1	
Two weeks:																												
California.....	2	37	6.6	6	4	1	3	4	17	1	...	...	...	...	...	...	...	30	3	3	1	...	...	...	...	...
Minnesota and Wisconsin	4	34	8.5	2	...	1	2	5	6	6	12	...	...	...	...	...	...	1	6	16	...	...	...	...	...	...
Ohio.....	2	31	6.8	6	3	1	4	3	6	5	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Oregon and Washington	3	13	7.1	2	...	...	1	5	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pennsylvania and West	2	24	7.9	...	1	...	1	11	8	1	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Virginia.....	4	63	7.2	6	5	4	6	12	8	22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other States.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total.....	17	202	7.3	22	13	7	17	40	50	35	16	1	1	454	1	11	13	36	54	18	33	13	13	7	3	
Grand total.....	54	707	7.8	42	32	23	58	158	162	143	70	10	9	481	1	14	21	109	127	168	74	101	50	27	9	4	1	1

124793°—20—15

PATTERN MAKERS.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
 OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Concluded.

[illegible]

PATTERN MAKERS—Concluded.

[illegible]

ROUGH CARPENTERS AND PATTERN MAKERS' HELPERS.

[illegible]

**AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.**

**FURNITURE.
MALES.**

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver- age hours work- ed per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earnings per hour and work- ed.	Employees whose earnings per hour worked were—											
			Un-der 4.	4 and 5.	5 and 6.	6 and 7.	7 and 8.	8 and 9.	9 and 10.	10 and 11.	11 and 12.	12 and over.	Un-der cts.	14 and 16 cts.		16 and 18 cts.	18 and 20 cts.	20 and 25 cts.	25 and 30 cts.	30 and 35 cts.	35 and 40 cts.	40 and 50 cts.	50 and 60 cts.	60 and 70 cts.	70 and 80 cts.	80 and over cts.	
One week:																											
Illinois.....	4	45	9.2	5	3	1	1	1	4	32	2	4	\$0.386	1	6	7	12	14	5
Indiana.....	9	128	9.0	5	2	2	1	10	56	49376	4	25	35	23	14	6	3	1
Maryland.....	4	29	8.7	1	1	1	54	45	1	1	.....	.....	.431	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts.....	3	122	7.2	9	3	5	4	6	14	78	.....	.....	.519	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan.....	5	102	8.7	2	3	.....	.....	2	7	34	18	.....	.451	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri.....	6	66	8.9	2	2	1	1	8	27	93	19	.....	.350	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York.....	12	158	8.7	4	5	1	1	4	17	5	2	.....	.387	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio.....	5	31	9.6	.....	.....	.....	.....	5	4	17	.....	.....	.364	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania.....	6	90	9.0	3	1	2	3	4	5	44	28	.....	.394	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee.....	5	72	8.7	2	1	1	4	2	29	29	4	.....	.399	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin.....	2	71	8.1	1	2	4	5	4	5	40	18	1	.....	.382	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other States.....	2	30	8.7	.....	.....	.....	.....	1	18	4	7	.....	.427	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	63	944	8.6	27	18	21	83	204	430	135	6	2	.....	.406	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Two weeks and one-half month:																											
Illinois.....	6	97	8.7	6	1	2	2	3	22	52	9	.....	.440	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan.....	3	111	8.4	6	5	1	1	3	16	74	5	.....	.452	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Carolina.....	3	42	8.3	1	.....	.....	7	23	10	.....	.....	.....	.336	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania.....	4	42	9.4	1	1	.....	.....	1	3	21	12	.....	.309	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin.....	6	160	9.1	9	2	4	6	5	31	99	.....	.....	.303	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other States.....	4	83	8.6	.....	1	2	2	7	14	13	14	.....	.420	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	26	505	8.8	23	9	11	9	83	201	139	.....	.....	.378	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CARVERS, HAND.

[illegible][illegible]

CARVERS, MACHINE.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—										Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—												
			Un-der 4.	4.	5.	6.	7.	8.	9.	10.	11.	12.		Un-der 14 cts.	14 cts.	16 cts.	18 cts.	20 cts.	25 cts.	30 cts.	35 cts.	40 cts.	50 cts.	60 cts.	70 cts.	80 cts.

CARVERS, MACHINE—Concluded.

Two weeks and one-half month:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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[illegible]

FINISHERS.

	One week:	Illinois.	Indiana.	Maryland.	Massachusetts.	Michigan.	Missouri.	New Jersey.	New York.	Ohio.	Pennsylvania.	Tennessee.	Wisconsin.	Other States.	Total.											
78	1,312	8.5	55	17	31	52	95	226	683	198	10	5	.362	2	4	3	2	38	158	396	344	267	84	13	1	
Two weeks and one-half month:																										
Illinois.	6	105	8.4	6	3	4	1	8	28	43	12		.455							6	13	55	37	4		
Michigan.	5	251	8.1	90	5	4	13	16	69	121	1		.388							18	47	93	47	27	14	
North Carolina.	5	90	6.8	13	6	7	27	21	12	1			.285			8	2	14	90	29	6	6	7			
Ohio.	3	26	9.1	13	1	3	5	5	13	4			.418							8	11	6	9	7		
Pennsylvania.	4	52	9.0		1	1	2	3	7	25	13		.908							3	11	25	1			
Wisconsin.	6	181	9.4	7	2	4	3	5	7	58	93	2	.305							25	92	36	4	13	10	1
Other States.	2	82	8.5	7	2		3	6	16	20	28		.267							41	16	11	4	9		
Total.	32	787	8.4	68	17	21	30	68	153	292	151	2	.351			8	4	60	167	155	137	141	71	19		
One month:																										
All States.	1	8	7.7	1				1	4	2			.273					3	3	2						
Grand total.	111	2,107	8.5	109	34	52	82	164	383	977	289	12	.357	2	4	6	6	131	328	553	481	408	155	32	1	

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—													
			Un-der 4.													Un-der 14.													
			4	5	6	7	8	9	10	11	12	13	14	15		16	17	18	19	20	25	30	35	40	50	60	70	80	over.
One week:																													
Illinois.....	4	53	8.7	1	2	3	3	2	6	2	35	4	1		30.206	1	15	13		13	9	29	1						
Indiana.....	9	155	8.6	10	3			4	17	86	29			.253					8	42	47	28							
Maryland.....	8	122	8.7	1							17			.258					6	5	3	1							
Massachusetts.....	8	156	8.6	4	4	5	8	29	89	12				.326					6	29	66	40	14						
Michigan.....	6	145	8.2	8	4	6	4	28	89	1				.309					2	16	20	55	49	3					
Missouri.....	8	102	8.9	2	2						34			.246					8	1	40	9	3						
New Jersey.....	2	132	9.3					2	1		4			.258					1	3	29	13							
New York.....	14	132	8.6	7	2	2	10	18	81	9				.263					3	8	43	35							
Ohio.....	7	46	7.8	1	1	4	7	6	12	6	7	2		.238					4	3	17	7							
Pennsylvania.....	8	76	7.3	12	4	6	7	7	29	7				.272					1	4	3	17	8	2					
Tennessee.....	5	111	8.1	7	6	3	4	13	31	36	10			.224					3	11	32	34	20	9	5				
Wisconsin.....	3	25	7.9	1		2	2	1	4	2				.280					10	10	32	13	11						
Other States.....	1	12	8.6		1	1		1		2	6			.179					2	4	3	2	2	1					
Total.....	79	1,042	8.4	59	29	26	43	55	165	533	125	6	1	.269	7	37	43	40	245	254	268	121	26	1					
Two weeks and one-half month:																													
Illinois.....	6	99	8.2	12	2	3	4	3	15	47	13			.337					2	4	18	30	25	22					
Michigan.....	5	185	7.7	19	9	3	7	15	74	55	3			.284					2	21	79	38	28	22					
North Carolina.....	6	116	7.2	14	3	9	10	17	39	24				.228					3	5	53	35	7						
Ohio.....	3	19	9.0				1	2	5	2	6			.289					1	5	1	5	4	3					
Pennsylvania.....	4	16	7.5	3			3	4	3	5				.210					2	2	6	1							
Tennessee.....	6	102	8.8	10	1	4	11	15	13	36	63			.254					1	8	5	57	30	6					
Wisconsin.....	2	196	8.3	23	7	8	4	25	33	90	2			.215					14	6	97	17							
Other States.....																													
Total.....	32	793	8.1	81	22	28	40	60	171	202	176	13		.260	2	8	39	17	237	254	128	61	47						

LABORERS.

1	11	8.2	1	2	3	5214	5	4	2								
112	1,846	8.3	141	54	83	117	339	740	301	19	1	265	9	45	82	486	510	396	182	73	1
Grand total.....																						

MACHINE HANDS.

[illegible]

One month:
All States.....
Grand total.....

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
 OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.[illegible]

TRIMMERS.

[illegible]

UPHOLSTERERS.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
 OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Concluded.

[illegible]

UPHOLSTERERS—Concluded.

[illegible]

VENTURERS.

[illegible]

[illegible]

ITEMS.

FINISHERS.

[illegible]

	4	21	8.7	.....	1	10	10	.....	280	.....	4	7	9	1	.....
Other States.....	15	43	8.4	.....	2	4	8	19	30	.....	1	16	80	12	1
Total.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
weeks and one-half	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan.....	2	31	7.7	.....	2	1	8	19	.....	.....	2	21	6	.....	.....
Other States.....	2	34	8.9	.....	2	1	1	5	5	.....	3	5	9	2	.....
Total.....	4	65	8.3	.....	4	2	1	9	24	.....	15	5	7	30	8
Grand total.....	19	138	8.3	.....	4	4	5	17	43	.....	15	5	8	46	38

SANDERS, HAND.

One week:	8	9	8.1	1	3	2	3	3	2	6	7		\$0.265	11	4	8				1	7	1	
Illinois.....	3	30	8.3							2	10									6	1		
Indiana.....	2	5	8.9							2	3		218							12	9	1	
Massachusetts..	4	22	8.5	2		2	3	3	14	5			245							4	10	3	
Michigan.....	3	20	7.3		1	1	1	3	5				210			3				1	4	6	
New York.....	3	12	7.5	1	1	1	1	3	5				230							10	40	11	
Ohio.....	6	43	7.8	3	3	4	6	7	34				223							2			
Pennsylvania..	2	26	7.2	5	3	1	2	7	7				137		6	9	11			2	3		
Tennessee.....	4	19	8.4	1		1		3	6	1	7		247			8				1	2	3	
Other States....																							
Total.....	31	209	7.9	10	10	18	28	42	77	14			210		17	21	23	17		80	41	5	2
Two weeks and one-half month:																							
Michigan.....	2	16	7.8			1	1	5	4				225			1	2			2	6	3	2
Wisconsin.....	2	17	8.4	1				1	6	9			176							1	6		
Other States....	1	6	8.3		1			2	3				138		3	2	1						
Total.....	5	39	8.1	1	1	1	1	6	13	16			191		3	3	13			3	12	3	2
Grand total.....	36	248	7.9	11	11	19	34	55	93	14			207		20	24	36			92	44	7	3

VENUEBERS.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD AND LOCALITY—Continued.

GLASS.**MALES.**

[B= Bottles; L= Lighting ware; P=Plate; T=Tableware; W= Window.]

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Num-ber of employ-ees.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per work-ed. hour.	Employees whose earnings per hour worked were—												
			Un-and-der 4													Un-and-der 20 cts.												
			1	2	3	4	5	6	7	8	9	10	11	12		20 cts.	25 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	1.00 and over.	
One week:																												
Indiana.....	6	21	9.0	1	1	1	1	1	1	1	1	1	1	1	\$0.360	1	6	11	2	1								
Maryland.....	2	12	8.7	1	3	1	1	2	3	14	4	1			.388		4	3	5									
New Jersey.....	2	10	8.9	1	1	1	3	2	5	3	2	5	5		.388		7	1	0	2	1							
New York.....	9	23	9.6	1	1	1	3	4	2	2	5	5			.411		1	7	0	4	1							
Ohio.....	5	18	10.0	1	1	1	1	1	1	1	1	1	1		.381		10	4	3									
Pennsylvania.....	5	14	9.4	1	1	1	2	5	5	5	5	5			.433		1	5	1	4	3							
West Virginia.....	7	27	9.3	2	1	1	4	4	2	2	5	4	5		.391		1	22	2				2					
Other States.....	1	2	9.2												.390		1	1										
Total.....	37	127	9.1	6	6	1	2	11	15	28	35	11	12		.385		2	31	52	22	11	7		2				
Two weeks and one-half month:																												
Illinois.....	3	7	9.6	1	1	1	1	1	1	1	1	1	1		.423													
Indiana.....	3	17	9.2	1	1	1	3	5	4	2	3	1			.401													
Ohio.....	5	24	8.6	2	1	1	2	4	13	7	13	4			.388													
Pennsylvania.....	10	37	7.9	6	1	1	3	4	8	7	3	1			.359		11	10	1	1	1							
West Virginia.....	5	8	8.3	1	1	1	1	1	1	1	1	1			.443													
Other States.....	2	4	9.3												.396													
Total.....	28	97	8.5	9	3	7	8	19	32	9	3	7			.464													
Grand total.....	65	224	8.9	15	6	4	9	19	34	60	44	14	19		.419		2	43	78	48	21	15	10	3	3		1	

BATCH MIXERS.

BLOCKERS (T. AND L.).

[illegible]

BLOWERS (B. T. W. AND L.).

State	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322
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CAPPERS (W.):

	3	47	7.7	2	1	1	5	29	9	\$0.638	3	4	9	18	8	3	2
One week: All States.....																					
Two weeks:																					
All States.....	1	7	9.2	1	3	1	1	.537	7
Total.....	4	54	7.9	2	1	1	5	1	32	10	1	1	.625	.....	3	4	16	18	8	3	2

FOOT CASTERS (T.).

[illegible]

FURNACE MEN.

[illegible]

GAS MAKERS.

[illegible]

[illegible]

LABORERS, COMMON.

One week:	7	277	8.8	8	5	4	6	22	7	36	161	16	11	5	30	328	8	42	167	51	2	7	...			
Indiana	2	101	7.5	11	3	1	3	46	36	10	17	1	369	...	1	2	31	43	1	4	1	...		
Maryland	2	120	7.3	12	2	4	3	36	26	19	37	10	...	...	358	...	3	34	51	43	9	...	...	
New Jersey	3	181	9.1	13	2	4	5	14	3	13	31	84	14	4	384	...	6	122	66	...	...	...	...
New York	5	168	8.9	11	2	5	14	3	16	13	31	84	14	...	390	...	6	122	66	...	...	...	...
Ohio	5	183	8.3	7	5	1	3	2	6	16	16	28	9	6	398	...	14	163	44	10	23	6	...			
Pennsylvania	8	183	8.3	7	5	1	3	2	6	16	16	28	9	6	398	...	14	163	44	10	23	6	...			
West Virginia	8	260	8.6	35	4	4	17	13	48	24	54	20	41	...	335	...	1	1	10	10	...	...	...
Other States	1	22	7.2	3	1	...	...	...	...	...	...	...	...	...	334	...	...	...	...	...	...	...	...
Total	38	1,099	8.5	92	27	22	67	105	180	275	217	58	56	...	346	...	10	69	527	327	97	50	19	...		
Two weeks and one-half month:																										
Illinois	3	80	6.7	21	...	2	6	11	16	20	3	1	...	...	356	...	...	59	6	7	5	3	...	
Indiana	3	75	6.9	18	3	6	6	7	14	12	3	3	3	...	323	...	5	64	6	...	...	...	...
Ohio	5	203	7.7	25	6	10	22	36	40	33	7	...	...	...	306	...	3	154	39	6	1	...	...	
Pennsylvania	11	411	8.8	49	4	11	19	16	46	72	82	67	45	...	388	...	5	7	78	92	207	11	5	6		
West Virginia	15	112	7.4	20	7	6	4	9	16	23	18	8	1	...	399	1	24	83	2	2		
Other States	2	26	6.7	6	1	408		
Total	29	907	8.0	139	21	35	51	71	133	183	139	86	49	...	363	...	5	15	356	167	329	19	10	6	...	
Grand total	67	2,006	8.3	231	48	57	118	176	313	458	356	144	105	...	354	...	15	84	883	494	426	69	29	6	...	

1. OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.[illegible]

PLAYERS (P.).

[illegible]

LEER MEN.

One week:	6	38	8.9	2		1	6	12	2	7	4	4	40.337	7	22	3	6				
Indiana.....	2	24	6.8	5	2	1	4	2	6	1	1	2	.355	2	11	10	6	1			
Maryland.....	2	23	7.5	1	3	16	6	3	3	3			.398	2	19	6	14	2			
New Jersey.....	8	45	10.0			9	5	1	8	10			.394	1	3	9	6	13			
New York.....	5	27	9.3			1	10	4	8				.336	6	12	6	3				
Ohio.....	5	48	8.4	3	2	6	8	7	6	2	8		.424	8	16	9	2	13			
Pennsylvania.....	5	51	8.2	6	3	2	14	5	9	4	5		.431	7	8	7	15	14			
West Virginia.....	8	51	8.2	6	3	2	14	5	9	4	5		.431	7	8	7	15	14			
Other States.....	1	7	6.0	2	2	3	2						.294	7							
Total.....	37	269	8.5	16	11	6	24	86	68	27	31	19	31	.387	1	25	71	68	45	18	41
Two weeks and one-half month:																					
Illinois.....	2	3	9.0			1	5	3					.452				3	6			
Indiana.....	3	22	9.0			1	2	6	11		1	1	.392	1	7	14	7	6			
Ohio.....	26	8.9	3						3	1	6		.382	8	10	7					
Pennsylvania.....	5	38	9.1	3	3	1	2	0	4	1	7		.435	9	14	6	5	1			

[illegible]

LABORERS, COMMON (B. AND P.):

	2	13	8.2	1	1	3	8		\$0.187	12	1	
One week: All States.....												
Two weeks and one-half month: All States.....	1	17	7.7	1		3	6	5	1	.325		14
Total.....	3	30	7.9	1	1	4	9	5	9	.265	12	14

PACKERS.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

HOSIERY AND UNDERWEAR.

MALES.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Num-ber of employ-ees.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earn-ings per hour worked.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				Employees whose average hours worked per week day for the pay-roll period were—													Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				Un-der 4.	4 and 5.	5 and 6.	6 and 7.	7 and 8.	8 and 9.	9 and 10.	10 and 11.	11 and 12.	12 and over.	Un-der 14 cts.	14 and 16 cts.		16 and 18 cts.	18 and 20 cts.	20 and 25 cts.	25 and 30 cts.	30 and 35 cts.	35 and 40 cts.	40 and 50 cts.	50 and 60 cts.	60 and 70 cts.	70 and 80 cts.	80 and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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BOARDERS.

CUTTERS, HAN D (UNDERWE AR).

[illegible]

KNITTERS, FOOTERS, OR TOPPERS, (HOSIERY).

[illegible]

KNITTERS, FULL-FASHIONED (HOSIERY).

	2	44	9.1			1	12	22	8	1		\$0.571				3	4	6	13	9	8	1
One week:																						
All States.....																						
Two weeks and one-half month:																						
Indiana.....	2	224	8.0	2	4	7	33	178				.640		1		3	4	25	57	61	34	36
Other States.....	1	109	8.6	1	3	2	2	10	91			.698				1	7	7	12	14	36	25
Total.....	3	333	8.2	3	7	2	35	188	91			.649		1		4	10	32	69	75	70	61
Grand total.....	5	377	8.3	3	7	2	36	200	113	8	1	.640		1		4	13	38	82	84	78	62

[illegible]

KNITTERS; OTHER (UNDERWEAR).

One week: All States.....	3	9	9.4		1	1				1	1	2	1	4
Two weeks and one-half month: All States.....	2	31	8.4	1	2	1	1	5	19	1		3	2	12
												7	1	6
Total.....	5	40	8.6	1	2	1	1	2	5	26		8	1	4
												4	13	10

MACHINE FIXERS:

One week:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523
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AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Concluded.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Num-ber of employ-ees.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—											
				Un-der 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to 12.	12 or over.	Un-der 14 cts.	14 to 16 cts.		16 to 18 cts.	18 to 20 cts.	20 to 25 cts.	25 to 30 cts.	30 to 35 cts.	35 to 40 cts.	40 to 50 cts.	50 to 60 cts.	60 to 70 cts.	70 cts. and over.		
PRESSERS.																												
One week:																												
Connecticut.....	2	9	7.4	1	1	1	1	1	1	2	2			\$0.342							3	3	2					
Massachusetts.....	2	12	7.7			3	1		9					.412							3	1	8					
New Hampshire.....	2	5	6.4			3	2	1	2	1				.482							4	1	2		3			
New York.....	2	8	7.5		1			4	5	3				.351						2	5	1	2	1	1			
Tennessee.....	2	15	7.3	2			1	8	1		1			.321							1	1	7	3				
Virginia.....	4	13	7.4		1	2								.407														
Wisconsin.....	2	6	9.3											.558								2	3	2				
Other States.....	4	10	9.3						3	3	4			.352														
Total.....	20	78	7.8	3	3	9	4	14	22	16	7			.387			2	7	6	15	17	20	4	7				
Two weeks and one-half month:																												
North Carolina.....	2	5	5.4			5								.332					1				4					
Pennsylvania.....	2	5	6.5		1	2			2					.331						2	2	5	2	12	4			
Other States.....	5	26	7.4	2		1	5	2	12	4				.511						1	2	5						
Total.....	9	36	7.0	2	1	8	5	2	14	4				.468					1	3	2	7	7	12	4			
Grand total.....	29	114	7.5	6	4	17	9	16	36	20	7			.413			2	8	9	17	24	27	16	7	4			

WINDERS.

One week:																										
New York.....	2	5	9.9						1	1	3			\$0.310					2		1	2				
Other States.....	3	18	7.5	1		1		11	3	2				.418			1	3	2	1	2	1	5	3		
Total.....	5	23	8.1	1		1		11	4	3	3			.395			1	5	2	2	4	1	5	3		

Two weeks and one-half month:		Three weeks and one-half month:		Four weeks and one-half month:		Five weeks and one-half month:		Six weeks and one-half month:		Seven weeks and one-half month:		Eight weeks and one-half month:		Nine weeks and one-half month:		Ten weeks and one-half month:		Eleven weeks and one-half month:		Twelve weeks and one-half month:	
4	23	7.0	3	2	2	1	6	7	.....	.310	1	1	2	4	5	2	2	5	1	.....
All States.....	4	23	7.0	3	2	2	1	6	7	.....	.310	1	1	2	4	5	2	2	5	1	.....
Grand total.....	9	46	7.5	4	2	3	2	12	10	3	.....	1	1	3	9	7	4	6	6	3	.....

ITEMS.

BOARDS.

[illegible]

BUTTONHOLE MAKERS (UNDERWEAR).

	One week:							Two weeks and one-half month:						
Connecticut.....	3	7	8	3	3	2	\$0.266	1	2	2	2	13	10	
Massachusetts.....	2	37	7	9	2	34	.867			6	8	2		
New Hampshire.....	2	11	8	6	5	5	.275	1	2	2	2	5		
New York.....	3	26	7	7	4	10	.296		1	3	7	8		
Ohio.....	2	12	7	5	2	8	.264		1	4	4	2		
Tennessee.....	2	15	7	6	3	8	.268	1	1	3	7	2		
Texas.....	2	5	8	4	3	2	.278		1	1	1	3		
Virginia.....	2	11	7	3	4	5	.351			2	3	4		
Wisconsin.....	2	20	7	5	2	8	.361		4	5	7	2		
Other States.....	3						.280	2						
Total.....	21	144	7	8	3	72	.301	3	1	3	25	31	27	11
All States.....	3	59	7	5	4	32	.357				7	8	11	17
Grand total.....	24	203	7	7	7	104	.317	3	1	4	7	32	39	46

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Num-ber of employ-ees	Average hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Average earnings per hour worked.	Employees whose earnings per hour worked were—											
				Un-der 4.	4.	5.	6.	7.	8.	9.	10.	11.	12.	Un-der 14 cts.	14 cts.		16 cts.	18 cts.	20 cts.	25 cts.	30 cts.	35 cts.	40 cts.	50 cts.	60 cts.	70 cts.	80 cts.	and over.
One week:	8	4	7.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Connecticut.....	2	36	7.7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Massachusetts.....	2	8	7.5	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
New Hampshire.....	2	29	7.3	1	3	4	4	12	5	3	1	20	1	239	3	2	2	11	7	2	2	2	2	2	2	2	2	
New York.....	3	26	9.5	1	1	1	1	2	2	2	1	20	1	330	2	3	2	2	13	7	1	1	1	1	1	1	1	
North Carolina.....	2	8	8.0	1	1	1	1	7	7	7	1	1	1	353	2	1	1	2	8	2	2	2	2	2	2	2	2	
Ohio.....	2	22	8.3	1	2	2	1	6	1	13	2	1	1	189	2	3	2	8	8	1	1	1	1	1	1	1	1	
Tennessee.....	2	9	8.1	1	1	1	1	7	7	2	2	2	1	235	1	1	1	3	5	3	3	3	3	3	3	3	3	
Virginia.....	2	12	7.2	1	1	1	4	3	4	2	2	2	1	289	1	1	1	3	5	1	3	1	3	1	3	1	1	
Wisconsin.....	2	21	7.5	1	1	1	4	4	4	10	2	1	1	278	1	1	1	8	10	2	1	2	1	2	1	2	1	
Other States.....	2	175	8.0	1	4	10	14	39	63	24	20	6	6	269	7	10	7	6	47	38	30	24	6	6	6	6	6	
Total.....	4	67	7.7	2	2	2	9	14	32	8	8	8	8	266	1	1	1	1	12	25	16	7	5	5	5	5	5	
Two weeks and one-half month:	4	67	7.7	2	2	2	9	14	32	8	8	8	8	266	1	1	1	1	12	25	16	7	5	5	5	5	5	
All States.....	26	242	7.9	3	4	12	23	53	95	32	20	14	14	276	7	11	7	7	59	63	46	31	11	11	11	11	11	
Grand total.....																												

BUTTON SEWERS (UNDERWEAR).

CUTTERS, HAND (UNDERWEAR).

	One week.	Two weeks and one-half month.	All States	Grand total.
Connecticut.....	10	8.6	1	1
Massachusetts.....	164	7.5	3	3
New Hampshire.....	18	7.4	2	2
New York.....	20	8.3	1	1
Ohio.....	15	8.0	1	1
Tennessee.....	30	8.0	1	1
Texas.....	6	7.0	1	1
Virginia.....	24	7.3	1	1
Washington.....	18	8.5	1	1
Other States.....				
Total.....	19	314	7.6	13
Two weeks and one-half month.	3	272	6.9	8
All States.....	23	586	7.3	21
Grand total.....				

FINISHERS (UNDERWEAR).

[illegible]

KNITTERS, FOOTERS, AND TOPPERS (HOSIERY).

One week:		Two weeks and one-half month:																			
Connecticut.....	3	89	7.6	5	9	17	13	5	40		30,240	2	5	7	5	31	28	8			
Virginia.....	2	78	7.6	3	5	22	6	4	33		.284	5	3	7	5	14	15	3	1		
Wisconsin.....	2	132	8.6			6	12		4		.278	1	2	7	8	40	37	41	26	2	
Other States.....	5	240	7.9	11	2	24	35	102	54	8	.288	16	12	12	8	44	37	41	42		
Total.....	12	539	8.0	21	7	18	66	151	199	8	.277	24	22	27	26	129	110	82	77	38	
Two weeks and one-half month:																					
North Carolina.....	2	64	5.7	11	4	6	20	23			.199	12	9	6	7	18	7	3	2		
Ohio.....	2	45	7.1	7		1	10	19	4		.230	1		4	15	12	8	3	2		
Tennessee.....	2	107	7.1	11	4	5	18	38	12		.267	4	4	12	7	24	26	15	3	1	
Other States.....	3	340	7.5	14	6	8	46	128	83	55	.285	3	3	4	19	87	93	79	41	9	
Total.....	9	556	7.2	43	14	20	88	190	140	71	.267	20	16	26	48	141	134	100	55	12	
Grand total.....	21	1095	7.6	64	21	38	157	246	291	270	.272	44	38	53	74	270	244	182	132	50	

KNITTERS, FULL-FASHIONED (HOSIERY).

[illegible]

KNITTERS, WEB OR TUBE (UNDERWEAR):

One week:	3	27	8.2	1	5	2	4	15		\$0.244			1	14	10	1	1	
Connecticut.....	3	27	8.2	1	5	2	4	15		\$0.244			1	14	10	1	1	
Massachusetts.....	2	41	7.6	1	18	23				350			2	7	9	16	7	
New Hampshire.....	2	10	8.8		1			9		270			6	3	2		1	
New York.....	2	6	8.6		1			5		333			2	2	1		1	
Ohio.....	2	10	8.3							239			7	1	2			
Wisconsin.....	2	24	8.8		1	16		6		316			2	8	13			
Other States.....	6	60	8.8	1	6	13	38	2		295			2	14	15	15	13	1
Total.....	19	178	8.4	2	7	28	66	67	8	299			2	1	43	46	42	34
Two weeks and one-half month:																		
All States.....	3	117	7.3	5	13	3	8	22	65	274			1	9	48	24	6	5
Grand total.....	22	295	8.0	7	13	3	15	51	131	569			3	10	91	70	60	40

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver-age hours worked per week.	Employees whose average hours worked were— day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—											
			Un-der 4.	4 and under 5.	5 and under 6.	6 and under 7.	7 and under 8.	8 and under 9.	9 and under 10.	10 and under 11.	11 and under 12.	12 and over.	Un-der 14 cts.	14 and under 15 cts.		15 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 35 cts.	35 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 and over.	

KNITTERS, OTHER (HOSIERY).

One week:																												
Connecticut.....	2	5	7.3			1	2	...	1	1				90.228						4	1							
New Hampshire.....	2	19	8.0				1	8	4	6				.340							4	3	11	1				
Wisconsin.....	2	24	9.0	1					3	30				.303						9	7	10	8					
Other States.....	4	35	7.2	6	1	4	4	8	12					.240	2	4	2	6	11	6			1	4				
Total.....	10	93	8.0	6	1	2	7	12	16	49				.285	2	4	2	5	24	18	13	20	5					
Two weeks and one-half month:																												
Pennsylvania.....	2	61	7.7	3	2	4	7	6	18	21				.343					2	2	13	9	23	12				
Other States.....	2	26	7.6		1		1	13	10	1				.318						2	9	8	4	3				
Total.....	4	87	7.7	3	3	4	8	19	28	22				.336					2	4	22	17	27	15				
Grand total.....	14	180	7.9	9	4	6	15	31	44	71				.309	2	4	2	7	28	40	30	47	20					

LOOPERS.

One week:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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[illegible]

Pressers.

	One week:	Two weeks and one-half month:	Three weeks and two months:	Four weeks and three months:	Five weeks and four months:	Six weeks and five months:	Seven weeks and six months:	Eight weeks and seven months:	Nine weeks and eight months:	Ten weeks and nine months:	Eleven weeks and ten months:	Twelve weeks and eleven months:	Total
Cannetout.....	2	2	8.3	1	1	1	1	1	1	1	1	1	\$0.317
Machinists.....	7	71	7.3	5	2	16	46	10	7	13	25	12	.342
Other States.....	7	41	7.3	1	2	10	5	10	5	8	4	2	.230
Total.....	11	114	7.3	2	3	27	51	11	7	15	19	13	.969
All States.....	4	74	7.5	4	1	23	36	2	1	28	6	2	.261
Grand total.....	15	188	7.4	6	4	50	87	13	4	43	23	14	.284

PRESS HANDS.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES—Concluded.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Num-ber of employ-ees.	Aver- age hours work- ed per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earnings per hour work- ed.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
				Un-der 4.													14 Un-der 14 cts.	16 Un-der 16 cts.	18 Un-der 18 cts.	20 Un-der 20 cts.	25 Un-der 25 cts.	30 Un-der 30 cts.	35 Un-der 35 cts.	40 Un-der 40 cts.	50 Un-der 50 cts.	60 Un-der 60 cts.	70 Un-der 70 cts.	80 Un-der 80 cts.	over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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SEAMEN.

WELTERS.

One week:	2	154	7.1	1	3	55	1	3	91	1	30,330	1	29	32	29	23	38	1				
Massachusetts.....	7	69	8.1	3	8	13	10	27	8	.277	1	4	2	6	19	13	12	5	4	3
Other States.....																						
Total.....	9	223	7.4	4	3	55	9	16	101	27	8	.314	1	5	2	7	48	45	41	28	42	4
Two weeks and one-half month:																						
Illinois.....	2	32	7.6	2	.....	2	3	12	3	10	.....	.270	.....	.....	4	8	6	1	4	6	3	
Pennsylvania.....	2	47	8.1	1	1	1	2	15	4	23	.....	.243	.....	2	5	5	17	13	2	2	2	
Other States.....	4	32	7.9	1	1	1	1	10	8	10	.....	.222	4	5	1	8	5	1	3	4	1	
Total.....	8	111	7.9	4	2	4	6	37	15	43	.....	.245	4	7	10	21	28	14	9	12	6	
Grand total.....	17	334	7.6	8	5	59	15	53	116	70	8	.291	5	12	12	28	76	59	50	40	48	4

WINDERS.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

IRON AND STEEL: BLAST FURNACES.

MALES.

[Pay-roll period: Two weeks and one-half month.]

District.	Num-ber of estab-lish-ments.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
			Un- and der 4.													Un- and der 25 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1 and under.	\$1.25 and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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BLOWERS.

Eastern.....	3	8	13.9	6	2	1	1	1	2	6	8	80.517	1	2	5	12	25	12	2	2	2	2	2	2
Pittsburgh.....	8	52	11.8	6	1	1	1	1	1	1	1	.689	1	2	5	12	25	12	2	2	2	2	2	2
Great Lakes and Middle West.....	6	41	10.5	1	1	5	1	3	7	1	5	.845	1	1	1	1	1	1	1	1	1	1	1	1
Southern.....	6	17	12.7	1	1	1	1	1	1	1	1	.602	1	1	2	2	2	2	2	2	2	2	2	2
Total.....	23	118	11.6	8	1	7	1	5	8	4	12	.750	1	2	1	4	10	17	32	31	17	3	3	3

BLOWING ENGINEERS.

Eastern.....	3	8	13.9	6	2	1	1	1	2	6	8	80.517	1	2	5	12	25	12	2	2	2	2	2	2
Pittsburgh.....	8	52	11.8	6	1	1	1	1	1	1	1	.689	1	2	5	12	25	12	2	2	2	2	2	2
Great Lakes and Middle West.....	6	41	10.5	1	1	5	1	3	7	1	5	.845	1	1	1	1	1	1	1	1	1	1	1	1
Southern.....	6	17	12.7	1	1	1	1	1	1	1	1	.602	1	1	2	2	2	2	2	2	2	2	2	2
Total.....	23	118	11.6	8	1	7	1	5	8	4	12	.750	1	2	1	4	10	17	32	31	17	3	3	3

BLOWING ENGINEERS' ASSISTANTS.

[illegible]

BOTTOM FILLERS,

	No.	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	Total
Great Lakes and Middle West.....	2	47	13.5	.....	.....	.....	1	2	1	48	80.487	.....
Southern.....	2	25	11.2	2	2	2	1	1	4	13	.340	.....
Total.....	-	72	13.7	2	2	.....	2	3	5	56	.488	.....

CINDER MEN.

[illegible]

IRON HANDLERS AND LOADERS.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Great Lakes and Middle West.....	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
West.....	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Southern.....	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Total.....	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

KEEPERS.

	3	11	12.2	1	2	1	3	1	2	1	9	10	80.487		6	6
Eastern.....	8	95	11.7	.....	2	.....	.....	.....	.....	.....	.....	90	90.005	.....	38	56
Pittsburgh.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Great Lakes and Middle West.....	6	61	10.5	3	1	3	2	3	3	10	3	30	572	.....	52	9
Southern.....	6	28	11.9	2	1	.....	.....	.....	.....	.....	3	19	359	11	2	4
Total.....	23	195	11.4	12	4	4	5	4	5	11	15	119	557	.....	9	97.05

LARRY MEN'S HELPERS.

[illegible]

PIG-MACHINE MEN.

	3	50	12.2	1	1	3	3	1	3	4	1	36	80.436						
Eastern.....	7	197	9.6	36	7	9	8	7	9	11	16	8	86	.505	3	30	14	3	
Pittsburgh.....																			
Great Lakes and Middle West.....	5	81	8.5	12	5	1	3	5	12	18	3	7	15	.483			56	23	
Southern.....	3	44	11.8	4	1	2	2	2	2	3	2	29	.390		8	29	7		
Total.....	18	372	10.0	53	12	12	11	17	23	34	26	18	168	.476	8	32	37	145	147

SKIP OPERATORS.

[illegible]

STOCKERS.

	3	86	9	3	3	4	5	8	11	9	7	27	30,422			27	41	18		
Eastern.....	6	465	11.4	29	8	6	12	19	26	24	33	34	274	489			7	334	114	8
Pittsburgh.....																				
Great Lakes and Middle																				
West.....	6	289	8.9	37	5	14	23	14	39	31	23	30	73	495			3	150	136	
Southern.....	6	148	8.5	31	8	7	6	9	8	11	14	25	32	349	15	38	24	57	14	
Total.....	20	988	10.1	106	21	30	45	47	81	77	79	96	406	464	15	38	24	84	51	502
																		264	8	2

**AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.**

MALES—Continued.

District.	Num-ber of estab-lish-ments.	Aver-age hours work-ed per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earn-ings per hour work-ed.	Employees whose earnings per hour worked were—											
			day for the pay-roll period were—																								
			Un-der 4.	4 5.	5 6.	6 7.	7 8.	8 9.	9 10.	10 11.	11 12.	12 over.	Un-der 25 cts.	25 30 cts.		30 35 cts.	35 40 cts.	40 45 cts.	45 50 cts.	50 60 cts.	60 70 cts.	70 80 cts.	80 90 cts.	90 cts. and under \$1.25 over.	\$1.25 and under \$1.50 over.	\$1.50 and over.	

INGOT STRIPPERS.

Pittsburgh.....	6	23	9.1	3	.....	3	1	.....	2	4	1	.....	9	\$0.722	.....	.....	.....	5	3	4	4	.....	6	1	.....
Great Lakes and Middle West.....	3	9	10.1	1	.....	.....	1	.....	2	1	.....	1	3	.772	.....	.....	.....	.....	.....	5	.....	1	3	.....	.....
Total.....	9	32	9.4	4	.....	3	2	.....	4	5	1	12	.736	.....	.....	.....	.....	5	3	9	4	1	9	1	.....

LABORERS.

Pittsburgh.....	6	518	7.8	156	23	27	23	17	22	30	25	42	143	\$0.485	.....	.....	.....	35	385	98	.....	.....	.....	.....	.....
Great Lakes and Middle West.....	4	120	6.5	25	11	9	21	16	14	12	6	1	5	.506	.....	.....	.....	74	45	1	.....	.....	.....	.....	.....
Total.....	10	638	7.6	181	34	36	44	33	46	42	31	43	148	.489	.....	.....	.....	35	459	143	1	.....	.....	.....	.....

LADLE LINERS' HELPERS.

Pittsburgh.....	6	42	7.8	10	.....	4	2	4	2	3	5	4	8	\$0.570	.....	.....	.....	1	13	20	.....	5	1	1	1
Great Lakes and Middle West.....	4	31	7.8	6	1	4	2	2	2	4	5	1	4	.525	.....	.....	.....	.....	3	24	4	.....	.....	.....	.....
Total.....	10	73	7.8	16	1	8	4	6	4	7	10	5	12	.551	.....	.....	.....	1	16	44	4	5	1	1	1

REGULATORS, FIRST.

	6	18	7.0	5	3	2	2	1	5	\$0.869	4	5	4	1
Pittsburgh.....														
Great Lakes and Middle West.....	3	5	9.5		1		1	2	1	.742	1	4		
Total.....	9	23	3.0	5	1	3	3	2	2	.842		5	8	4

REGULATORS, SECOND.

STOCKERS.

STOPPER MAKERS.

	6	8	9.5	1	1	2	1	3	40.633	1	1	5	1
Pittsburgh.....													
Great Lakes and Middle West.....	4	6	9.7			3	2		1.622			1	5
Total.....	10	14	9.6	1		1	5	2	4.628		1	6	6

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Concluded.

District.	Num-ber of estab-lish-ments	Num-ber of em-ploy-ees.	Employees whose average hours worked per week day for the pay-roll period were—										Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—									
			Average hours worked per week day.											Average earnings per hour worked.									
			Un-der 4.	4, 5.	5, 6.	6, 7.	7, 8.	8, 9.	9, 10.	10, 11.	11, 12.	12, over.		Un-der 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 and under 80 cts.	80 and under 90 cts.	90 cts. and under \$1.	\$1.25 and under \$1.50	\$1.50 and under \$1.75	\$1.75 and under \$2.	$2.25 and over.

BLOWERS.

Pittsburgh.....	6	15	9.9	1	1	1	2	4	1	.....	6	\$1.218	.....	.....	.....	.....	.....	1	.....	1	8	3	2	.....
Great Lakes and Middle West.....	2	8	8.0	.....	.....	.....	2	.....	.....	1	.....	1.519	.....	.....	.....	.....	.....	.....	.....	1	.....	2	.....	.....
Total.....	8	19	9.6	1	1	1	4	4	1	1	6	1.266	1	1	9	3	4

CUPOLA MELTERS.

Pittsburgh.....	2	7	7.5	3	1	3	\$1.013	2	3	2
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CUPOLA TAPPERS.

Pittsburgh.....	3	23	5.9	13	1	1	1	2	6	\$0.804	7	3	5	8
Great Lakes and Middle West.....	1	3	8.0	1	3
Total.....	4	26	6.2	13	1	.....	.....	.....	.....	1	2	1	2	6	.798	.....	.....	10	3	5	8	.....	.....	.....

LADLE LINERS.

Pittsburgh.....	6	17	11.2	.....	1	2	2	1	1	3	7	\$0.732	.....	4	9	.....	4	.....	.....
Great Lakes and Middle West.....	4	9	8.6	.....	.....	2	4	2	1	.....	.....	.801	.....	4	.....	.....	3	1	.....
Total.....	10	26	10.3	.....	1	4	6	3	2	3	7	.756	.....	8	9	.....	3	1	4

MOLD CAPPERS.

Pittsburgh.....	6	37	7.4	9	1	2	4	5	4	1	1	4	6	\$0.669	.....	1	16	6	7	3	4	.....	.....
Great Lakes and Middle West.....	2	12	5.3	4	1	.....	4	2	.....	1	.....	.....	.....	.679	.....	1	6	5	.....	.....	.....	.....
Total.....	8	49	6.9	13	2	2	8	7	4	2	1	4	6	.671	.....	1	17	12	12	3	4	.....	.....

STEEL POURERS.

Pittsburgh.....	6	21	8.0	1	.....	2	2	2	12	.....	.....	1	1	\$1.175	.....	.....	.....	.....	.....	3	9	3	.....	4	2
Great Lakes and Middle West.....	3	5	9.8	.....	.....	.....	.....	.....	.....	3	1	1	.....	.688	.....	2	.....	3	.....	.....	.....	.....	.....	.....	.....
Total.....	9	26	8.4	1	.....	2	2	2	12	3	1	2	1	1.057	.....	2	.....	3	.....	3	9	3	.....	4	2

STOPPER SETTERS.

Pittsburgh.....	6	35	6.1	10	2	2	3	5	11	.....	.....	1	1	\$1.154	.....	1	3	4	11	.....	2	3	6	4	1
Great Lakes and Middle West.....	4	10	7.5	1	1	1	2	.....	2	.....	2	1	.....	.905	.....	.....	.....	3	.....	4	3	.....	.....	.....	.....
Total.....	10	45	6.4	11	3	3	5	5	13	.....	2	2	1	1.088	.....	1	3	7	11	4	5	3	6	4	1

VESSEL MEN.

Pittsburgh.....	6	18	9.1	1	3	2	1	.....	4	1	.....	1	5	\$1.113	.....	.....	.....	.....	.....	2	14	2	.....	.....	.....
Great Lakes and Middle West.....	3	5	10.8	.....	.....	.....	.....	.....	.....	1	1	3	.....	1.053	.....	.....	.....	.....	.....	2	3	.....	.....	.....	.....
Total.....	9	23	9.5	1	3	2	1	.....	4	2	1	4	6	1.100	.....	.....	.....	.....	.....	4	17	2	.....	.....	.....

VESSEL MEN'S HELPERS.

Pittsburgh.....	6	48	7.0	7	4	6	5	2	16	.....	3	3	2	\$0.881	.....	.....	11	13	9	5	4	4	2	.....
Great Lakes and Middle West.....	4	17	9.1	.....	1	.....	3	.....	4	.....	5	4	.....	.789	.....	2	4	3	1	5	2	.....	.....
Total.....	10	65	7.6	7	6	6	8	2	20	.....	8	7	2	.857	.....	2	15	16	10	10	6	4	2	.....

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

IRON AND STEEL: OPEN-HEARTH FURNACES.

MALES.

[Pay-roll period: Two weeks and one-half month.]

District.	Num-ber of estab-lish-ments.	Num-ber of em-ploy-ees.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—											
				Un-der 4.	4 and 5.	5 and 6.	6 and 7.	7 and 8.	8 and 9.	9 and 10.	10 and 11.	11 and 12.	12 and over.	Un-der 12 cts.	12 and 14 cts.		14 and 16 cts.	16 and 18 cts.	18 and 20 cts.	20 and 22 cts.	22 and 25 cts.	25 and 30 cts.	30 and 35 cts.	35 and 40 cts.	40 and 45 cts.	45 and 50 cts.	50 and over.	
Eastern.....	2	11	8.3		1	1	3		1	2	2	2	1	\$0.296														
Pittsburgh.....	4	47	10.5	4	1	1	2		3	3	3	7	21	.290														
Great Lakes and Middle West.....	6	81	9.3	8	3	3	7	4	7	11	9	9	20	.349														
Southern.....	13	25	9.1	1	3	1	1	3	2	4	8	2	3	.250														
Pacific Coast.....	1	10	7.2	1	1		2		2	4				.313														
Total.....	116	174	9.4	13	9	6	14	7	16	24	22	18	45	.314		4				5	4	81	45	16		18		

DOOR OPERATORS.																										
Eastern.....	2	11	8.3		1	1	3		1	2	2	2	1	\$0.296												
Pittsburgh.....	4	47	10.5	4	1	1	2		3	3	3	7	21	.290												
Great Lakes and Middle West.....	6	81	9.3	8	3	3	7	4	7	11	9	9	20	.349												
Southern.....	13	25	9.1	1	3	1	1	3	2	4	8	2	3	.250												
Pacific Coast.....	1	10	7.2	1	1		2		2	4				.313												
Total.....	116	174	9.4	13	9	6	14	7	16	24	22	18	45	.314		4				5	4	81	45	16		18

DOOR OPERATORS.

[illegible]

CHARGING-MACHINE OPERATORS.

[illegible]

ENGINEERS, LOCOMOTIVE.

¹ Including 1 ten-day pay-roll period.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, SEX, AND LOCALITY—Continued.

MALES—Continued.

District.	Num-ber of estab-lish-ments.	Aver-ago hours worked per week day.	Employees whose average hours worked per week day for the payroll period were—										Aver-ago hours worked per week day.	Employees whose earnings per hour worked were—											
			Un-der 4.	4 and 5.	5 and 6.	6 and 7.	7 and 8.	8 and 9.	9 and 10.	10 and 11.	11 and 12.	Un-der 25 cts.		25 and 30 cts.	30 and 35 cts.	35 and 40 cts.	40 and 45 cts.	45 and 50 cts.	50 and 60 cts.	60 and 70 cts.	70 and 80 cts.	80 and 90 cts.	90 and over.		

INGOT STRIPPERS.

Eastern.....	1	2	13.0																					
Pittsburgh.....	5	19	10.9	1	2			2	1	1	2	9	\$0.780									2	2	5
Great Lakes and Middle West.....	6	19	10.1	1					7	2		6	.698								6	7	4	2
Southern.....	13	10	10.8				1	1	5	1		4	.848											
Pacific Coast.....	2	6	9.5						4	1		1	.804									2	3	
Total.....	117	86	10.8	2	2	1	1	4	17	6	8	22	.728								11	18	16	7

LABORERS.

Eastern.....	3	37	8.7	4	3	1	1	5	4	4	2	2	\$0.498											
Pittsburgh.....	5	832	8.0	196	50	49	61	38	52	41	46	65	.475	1	1	13	19	1	2					
Great Lakes and Middle West.....	6	375	9.5	31	11	13	34	26	45	38	27	32	.486											
Southern.....	13	577	9.1	28	11	10	14	21	16	80	54	41	.388											
Pacific Coast.....	2	242	7.0	54	11	13	23	27	47	36	18	20	.400											
Total.....	119	1,763	8.4	812	86	86	128	114	164	146	160	404	.664	1	22	214	341	764	422					

LADLE CRANEMEN.

Eastern.....	3	16	10.1	3	2	1	2	2	9	30.707	4	2	10	.....
Pittsburgh.....	5	41	11.2	5	1	2	1	1	28	.711	2	15	18	6
Great Lakes and Middle West.....	6	41	10.1	3	2	1	4	6	4	15	744	10	28	3
Southern.....	13	21	12.1	1	1	1	1	3	16	.684	1	3	5	11
Pacific Coast.....	2	10	8.6	.....	2	4	4	.....	.....	.902	.....	7	3	.....
Total.....	119	129	10.6	10	2	2	5	4	10	3	68	32	67	6

MELTERS' HELPERS, THIRD.

Eastern.....	3	61	8.3	12	8	4	5	2	3	6	1	5	20	30.528	34	2	.....
Pittsburgh.....	5	176	9.3	26	7	8	9	10	11	10	26	15	54	.560	2	12	13
Great Lakes and Middle West.....	6	239	9.3	16	11	10	19	26	28	29	23	14	68	.390	1	86	143
Southern.....	13	57	9.4	6	1	3	2	4	11	1	19	1	19	.494	5	19	36
Pacific Coast.....	2	49	10.0	5	.....	4	2	3	12	19	4	.....	.....	.668	1	39	9
Total.....	119	592	9.2	65	22	29	37	47	56	65	65	33	161	.546	2	6	39

MOLD CAPPERS.

Pittsburgh.....	5	52	10.5	7	1	1	3	2	2	2	.....	7	28	30.592	4	30	25
Great Lakes and Middle West.....	5	85	10.4	2	1	1	.....	2	5	4	1	5	14	.578	11	17	4
Southern.....	12	5	6.9	.....	3	.....	.....	1	1	.....	1	1	.....	.624	3	.....	3
Total.....	112	92	10.2	9	2	4	3	4	7	7	2	12	42	.592	13	40	29

STEEL POURERS.

Eastern.....	3	11	10.5	.....	1	1	.....	2	1	.....	.....	.....	6	30.769	.....	1	5
Pittsburgh.....	5	23	10.9	1	1	.....	2	3	1	1	3	11	768	.....	8	5	8
Great Lakes and Middle West.....	6	27	9.8	3	.....	.....	3	2	6	1	3	9	.791	.....	3	12	4
Southern.....	13	10	11.6	.....	.....	.....	.....	.....	1	3	1	5	.774	.....	2	6	3
Pacific Coast.....	2	7	7.4	1	1	.....	2	2	2	1	.....	.....	.812	.....	5	5	1
Total.....	119	78	10.2	5	3	1	5	7	12	7	7	31	.781	.....	5	21	25

Including 1 ten-day pay-roll period.

SWITCHMEN.

	3	14 81	8.4 9.3	3 18	1 5	1 5	2 6	3 6	2 8	4 35	\$0.519 .542	1	2	2	6	3		
Eastern.....	3	14	8.4	3	1	1												
Pittsburgh.....	5	81	9.3	18	1	5	2											
Great Lakes and Middle West.....	5	41	11.7		1	1	3	6	2	22	.565							
Southern.....	13	28	11.6		2	1	1	1	4	8	.522	28	3	23	9	1		
Pacific Coast.....	2	12	7.3	1	1	3	3	3			.712	4	7	15	2	5		
Total.....	118	176	10.0	22	3	7	5	10	9	13	12	1	6	16	115	32	6	

MELTERS' HELPERS, FIRST.

[illegible]

MELTERS' HELPERS, SECOND.

Eastern.....	3	39	9.5	3	1	4	2	3	3	2	2	7	12	\$0.631	.....	11	1	13	11	3	.....	.....
Pittsburgh.....	5	159	9.4	24	3	5	5	16	7	14	11	19	55	.703	.....	3	23	63	40	21	6	3
Great Lakes and Middle West.....	6	158	9.0	12	6	13	19	13	19	17	8	10	41	.677	1	1	.52	36	41	13	14	.....
Southern.....	13	42	9.3	2	2	2	.....	3	6	1	3	12	5	9	.728	1	7	10	4	17	3	.....
Pacific Coast.....	2	32	8.1	1	2	2	.....	3	8	10	3	.....	.....	.785	.....	.....	1	25	4	1	.....	.....
Total.....	119	430	9.2	42	14	26	29	41	35	46	36	41	117	.695	1	16	83	123	121	58	23	4	1

¹ Including 1 ten-day pay-roll period.

HOT-BED MEN.

Eastern.....	3	20	8.0	12	2	.....	6	1	.....	\$0.553	.....	1	.....	2	9	8	.....
Pittsburgh.....	2	13	8.1	1	.....	.....	4	5	1	.....	.553	.....	.....	8	1	3	.....
Great Lakes and Middle West.....	3	11	8.3	1	.....	2	1	1	5	.....	.526	.....	2	.....	3	2	.....
Southern.....	13	12	6.0	2	1	2	2	3	1	.....	.526	.....	5	.....	1	1	.....
Total.....	11	56	6.6	16	3	4	2	6	11	7	.520	.....	5	.....	1	14	12

LABORERS.

Eastern.....	2	17	6.4	4	1	2	4	1	.....	\$0.374	.....	2	10	5	.....	.....	.....
Pittsburgh.....	2	6	10.0	.....	.....	.....	.....	2	3	1	.410	.....	.....	6	.....	.....	.....
Great Lakes and Middle West.....	4	162	9.4	11	8	5	3	9	13	34	.464	.....	10	12	135	5	.....
Southern.....	13	29	7.5	6	1	2	4	2	4	6	.309	.....	9	11	8	1	.....
Total.....	11	214	9.0	21	10	9	11	12	17	46	.434	.....	9	13	28	24	135

PUDDLERS' HELPERS.

Eastern.....	3	131	5.7	41	20	14	4	18	19	15	.....	.....	.....	.....	41	81	9	.....
Pittsburgh.....	1	1	7.6	.....	.....	.....	.....	1	.....	.....	.902	.....	.....	.....	.....	.....	1	.....
Great Lakes and Middle West.....	2	12	7.0	.....	.....	1	5	6	1	.....	.533	.....	.....	.....	4	1	.....	.....
Southern.....	2	45	2.5	31	5	4	4	1	.....	.....	.559	.....	1	1	3	9	18	9
Total.....	8	199	5.0	72	25	19	13	24	20	15	.694	.....	1	1	3	9	22	51

ROLL ENGINEERS.

Eastern.....	3	8	8.3	2	.....	.....	.....	3	1	.....	2	\$0.422	.....	3	2	3	.....	.....
Pittsburgh.....	2	4	9.0	.....	.....	.....	.....	1	3	.....	.618	.....	.....	.....	.....	4	.....	.....
Great Lakes and Middle West.....	4	7	11.6	.....	.....	.....	.....	.....	1	3	.604	.....	.....	.....	4	3	.....	.....
Southern.....	2	3	11.1	.....	.....	.....	.....	.....	1	1	.353	.....	2	.....	1	.....	.....	.....
Total.....	11	22	9.9	2	.....	.....	.....	3	1	4	.606	.....	2	3	3	2	4	7

ROLL HANDS, OTHER.

Eastern.....	1	4	1.9	4	.....	.....	.....	.....	.....	.....	\$0.646	.....	.....	.....	1	1	2	.....
Southern.....	1	5	4.5	3	.....	1	.....	.....	.....	.....	.259	.....	5	.....	.....	.....	.....	.....
Total.....	2	9	3.3	7	.....	1	.....	.....	.....	.....	.447	.....	5	.....	.....	1	1	2

Including 1 weekly pay roll.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
 OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

District.	Num-ber of estab-lish-ments	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—											
			Un-der 4.	4 5.	5 6.	6 7.	7 8.	8 9.	9 10.	10 11.	11 12.	Un-der 25 cts.	25 30 cts.	30 35 cts.		35 40 cts.	40 45 cts.	45 50 cts.	50 60 cts.	60 70 cts.	70 80 cts.	80 90 cts.	90 and over.				
SHEARMEN.																											
Eastern.....	2	7	5.2	3	2	1	1	2	2	\$0.459	4	2	1					
Pittsburgh.....	2	5	6.5	1	.....	.....	1	1	1	.....	.718	.....	.....	.....	.....	.....	2	3	.....	.....	.....			
Great Lakes and Middle West.....	4	7	10.5	.....	.....	.....	.....	2	4	1	.530	.....	.....	.....	2	3	2	.....	.....	.....	.....		
Southern.....	13	8	8.5	.....	1	.....	.....	5	1	.....	.419	.....	.....	5	.....	.....	1	.....	.....	.....	.....		
Total.....	111	27	7.8	4	3	2	1	1	10	5	1	.514	.....	7	4	4	4	5	3	.....	.....				
SHEARMEN'S HELPERS.																											
Eastern.....	2	13	4.1	6	1	3	1	.....	2	.....	\$0.417	.....	.....	.....	1	12	.....	.....	.....	.....	.....	
Pittsburgh.....	2	10	8.4	.....	.....	2	2	1	4	1	.604	.....	.....	.....	.....	.....	10	.....	.....	.....	.....		
Great Lakes and Middle West.....	3	24	9.0	1	2	2	1	1	4	8	1	.476	.....	.....	4	.....	17	2	1	.....	.....				
Southern.....	12	9	7.4	2	.....	2	.....	2	2	1	.299	.....	5	2	.....	2	.....	.....	.....	.....	.....	
Total.....	19	56	7.5	9	3	5	5	3	4	12	10	4	1	.457	.....	5	14	17	2	11	.....					
STOCKERS.																											
Eastern.....	3	25	4.5	14	2	1	1	3	2	.....	\$0.447	.....	.....	.....	3	2	16	4	.....	.....	.....			
Pittsburgh.....	2	15	9.5	1	1	.....	.....	1	3	5	.438	.....	.....	.....	9	6	.....	.....	.....	.....	.....	
Great Lakes and Middle West.....	4	88	8.8	2	2	9	8	12	14	16	13	4	.400	.....	4	.....	38	46	.....	.....	.....			
Southern.....	12	12	8.7	.....	1	.....	2	2	3	4	2	.....	.303	1	7	2	.....	.....	.....	.....	.....	
Total.....	111	140	8.1	16	5	12	9	13	18	21	25	17	4	.460	1	7	9	13	60	51	.....					

Including 1 weekly pay roll.

District.	Num-ber of estab-lish-ments	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—												
			Un-der 4.	4 and der 5.	5 and der 6.	6 and der 7.	7 and der 8.	8 and der 9.	9 and der 10.	10 and der 11.	11 and der 12.	Un-der 40 cts.	40 and der 50 cts.	50 and der 60 cts.		60 and der 70 cts.	70 and der 80 cts.	80 and der 90 cts.	90 and over.	Un-der 40 cts.	40 and der 50 cts.	50 and der 60 cts.	60 and der 70 cts.	70 and der 80 cts.	80 and der 90 cts.	90 and over.		
Great Lakes and Middle West.....	2	16	7.1	1	1	1	3	3	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Southern.....	2	25	3.7	10	3	7	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	4	41	5.0	11	3	8	7	4	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
BUSHELERS, LEVEL-HANDED.																												
Pittsburgh.....	1	8	5.3	2	.....	2	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Great Lakes and Middle West.....	4	106	4.6	48	33	27	48	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Southern.....	1	23	2.0	17	3	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	6	197	4.4	67	36	30	54	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
BUSHELERS, LEVEL-HANDED (WITH HELPERS).																												
Great Lakes and Middle West.....	1	24	5.8	1	.....	3	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
BUSHELERS, THREE-HANDED.																												
Great Lakes and Middle West.....	3	20	6.1	2	1	1	11	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Concluded.

[illegible]

PUDDLERS, LEVEL-HANDED.

Eastern.....	3	63	3.5	46	9	1	1	2	4				\$1.141			2	10	38	11	1		
Pittsburgh.....	2	209	5.2	63	25	38	32	28	1				1.087		1	2	22	49	100	34		
Great Lakes and Middle West.....	1	50	5.3	13	4	4	17	12					1.281					2	20	23	4	1
Southern.....	18	92	6.3	22	12	2	8	11	17	4	16		1.063		3	4	13	2	58	17	4	
Total.....	19	414	5.2	144	50	55	56	45	9	16			1.111		4	6	37	63	194	85	9	1

PUDDLERS, THREE-HANDED.

Pittsburgh.....	2	121	4.3	54	18	15	19	10	4	1			\$0.632		48	60	6	6		1		
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ROUGHERS.

Pittsburgh.....	1	3	8.5						1	1			\$1.247						1		2	
Great Lakes and Middle West.....	4	15	6.3	1	2		7	4	1				1.513			1		4	1		2	
Southern.....	13	6	6.2	1		1	2	1					1.757		1	1	2	1			3	
Total.....	18	24	6.6	2	2	1	9	6	2	2			1.291		1	1	2	6	1	2	5	2

ROLLERS.

|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

1 Including 1 weekly pay roll.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

IRON AND STEEL: BLOOMING MILLS.

MALES.

[Pay-roll period: Two weeks and one-half month.]

District.	Num-ber of estab-lish-ments	Aver-age hours work-ed per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earn-ings per hour work-ed.	Employees whose earnings per hour worked were—															
			Un-der 4.	4 and 5.	5 and 6.	6 and 7.	7 and 8.	8 and 9.	9 and 10.	10 and 11.	11 and 12.	12 and over.	Un-der 25 cts.	25 and 30 cts.		30 and 35 cts.	35 and 40 cts.	40 and 45 cts.	45 and 50 cts.	50 and 60 cts.	60 and 70 cts.	70 and 80 cts.	80 and 90 cts.	90 cts. and over.	\$1. and under.	\$1.25 and over.					
Eastern.....	2	10	10.2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Pittsburgh.....	6	44	7.5	9	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Great Lakes and Middle West.....	5	35	10.2	2	1	2	1	2	4	3	2	2	16	749	2	1	2	1	12	9	4	1	2	2	10	1	1	1	1	1	1
Southern.....	13	8	9.5	1	1	1	1	1	1	1	1	3	1	729	2	1	2	2	1	1	1	1	2	2	1	1	1	1	1	1	
Total.....	116	97	8.9	12	3	5	8	6	9	8	7	20	19	833	2	2	2	2	13	19	7	14	16	17	7	1	1	1	1	1	1

BOTTOM MAKERS.

Eastern.....	2	10	10.2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Pittsburgh.....	6	44	7.5	9	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Great Lakes and Middle West.....	5	35	10.2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Southern.....	13	8	9.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total.....	116	97	8.9	12	3	5	8	6	9	8	7	20	19	833	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

BOTTOM MAKERS' HELPERS.

Pittsburgh.....	6	49	7.4	10	3	4	4	3	6	5	3	6	5	\$0.778	3	2	13	6	15	8	2	2	2	2	2	2	2	2	2
Great Lakes and Middle West.....	4	40	8.3	7	2	1	3	5	2	3	1	11	535	10	26	12	6	4	4	4	4	4	4	4	4	4	4	4	4
Southern.....	13	22	9.6	1	1	1	1	2	6	1	2	6	3	550	4	12	19	10	15	8	2	2	2	2	2	2	2	2	2
Total.....	113	111	8.2	18	5	6	7	10	17	8	8	13	19	645	4	13	40	19	10	15	8	2	2	2	2	2	2	2	2

HEATERS' HELPERS.

[illegible]

LABORERS.

[illegible]

MANIPULATORS.

[illegible]

PIT CRANEMEN.

[illegible]

Including 1 ten-day pay-roll period.

MALES—Concluded.

[illegible]

TABLE MEN.

Eastern.....	2	4	9.8	1	1	2	\$0.553	2	2	1	10	3	2	2	4	1
Pittsburgh.....	5	31	5.5	14	2	3	694	2	2	1	1	3	9	2	4	1
Great Lakes and Middle West.....	15	7.9	3	1	2	1	628	3	1	3	5	3	5	1	1	1
South.....	13	6	9.5	2	1	3	526	1	1	1	3	2	2	2	2	2
Total.....	114	56	6.9	17	3	4	648	8	4	5	9	13	5	16	3	5

THEATERS.

[illegible]

ROLLERS,

[illegible]

Including 1 ten-day pay-roll period.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

IRON AND STEEL: PLATE MILLS.

MALES.

[Pay-roll period: Two weeks and one-half month.]

District.	Num-ber of estab-lish-ments.	Aver-age hours worked per day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
			Un-der 4.													Un-der 25 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1 and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
			4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Eastern.....	2	157	60	11	14	13	8	10	21	12	5	3	\$0.388	8	137	14	19	246	37

LABORERS.

District.	Num-ber of estab-lish-ments	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Employees whose earnings per hour worked were—											
			Aver-age earnings per hour worked.												Un-der 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 and under 80 cts.	80 and under 90 cts.	90 and under \$1.	\$1.25 and under \$1.50	\$1.50 and under \$1.75	\$1.75 and under \$2.	\$2.25 and over	
			Un-der 4.	4 and under 5.	5 and under 6.	6 and under 7.	7 and under 8.	8 and under 9.	9 and under 10.	10 and under 11.	11 and under 12.	12 and over.	per hour worked.													

CHARGING-CRANE AND CHARGING-MACHINE OPERATORS.

Eastern.....	2	18	10.1	1	1	1	1	1	2	9	4	1	\$0.499	6	1	7	4	11	11	1	11	2			
Pittsburgh.....	5	41	8.7	8	2	3	2	2	4	3	7	10	.911			1	4	11	11	1	11	2			
Great Lakes and Middle West.....	3	12	11.6						2	3		7	.790				4	3	1	4					
Total.....	10	71	9.5	9	2	3	2	3	8	15	11	18	.786	6	1	8	12	14	12	5	11	2			

HEATERS.

Eastern.....	2	24	10.1	1	1	1	1	1	4	10	8		\$0.922		2	1	1	4	3	5	6	2			
Pittsburgh.....	5	27	10.9			1	1		3	7	7	10	1.559							8	4	7	2		6
Great Lakes and Middle West.....	3	11	11.6					1	1	1	2	6	1.145							9	2				
Total.....	10	62	10.7	1	1	1	1	2	10	14	17	16	1.239		2	1	1	4	3	5	23	8	7	2	6

HEATERS' HELPERS.

Eastern.....	2	72	8.9	4	4	3	7	4	3	11	11	24	1	\$0.468	12	38	22								
Pittsburgh.....	5	49	9.1	7	7	1	1	2	12	15	7	10	.801		2	1	10	13	3	8	7				
Great Lakes and Middle West.....	2	9	9.6	1	1			1		1	2	3	.667			4		4	1						
Total.....	9	125	9.0	12	5	3	8	5	5	23	17	33	14	.599	12	40	27	10	17	4	8	7			

ROLLERS, UNIVERSAL MILLS.

Eastern.....	2	4	10.2					1	1	2	\$1.045				1	1	1	1	1	2
Pittsburgh.....	1	2	11.9							1	2.199									
Great Lakes and Middle West.....	1	2	12.0								2	1.310							2	
Total.....	4	8	11.1					1	1	2	3	1.400			1	1	1	1	3	2

ROLL HANDS, OTHER, SHEARED-PLATE MILLS.

Eastern.....	2	7	9.3					1	2	1	4	\$0.478			6	1				
Pittsburgh.....	5	21	6.8	7	1	1	1	1	2	4	2	.725			1	6	7	2	1	4
Great Lakes and Middle West.....	1	2	8.5						1		1	.722						2		
Total.....	8	30	7.5	7	1	1	2	1	4	5	6	.687			7	7	7	4	1	4

ROLL HANDS, OTHER, UNIVERSAL MILLS.

Eastern.....	2	10	10.5						1	2	1	5	\$0.508		1	5	2			
Pittsburgh.....	1	3	8.0								1		1.700				1		2	
Great Lakes and Middle West.....	1	9	6.9	2				1	3		1	1	1.615			2	6	1		
Total.....	4	22	8.7	3				1	3		3	5	.577		1	5	5	6	5	

SCREW MEN, SHEARED-PLATE MILLS.

Eastern.....	2	10	9.2						2	1	3	2	1	1	\$0.776			1	2	3	1
Pittsburgh.....	5	18	9.1	2					2	1	4	2	1	5	1.250			2	2	1	9
Great Lakes and Middle West.....	2	6	9.1							3	2	1			1.301					2	4
Total.....	9	34	9.1	2				1	2	3	4	9	5	2	6	1.120		1	2	4	10

SCREW MEN, UNIVERSAL MILLS, MAIN ROLLS.

Eastern.....	2	4	9.9						1		1	2			\$0.708			2	1	1	
Pittsburgh.....	1	2	11.9								1				1.499					2	
Great Lakes and Middle West.....	1	3	8.1	1						1					1.185				2	1	
Total.....	4	9	9.7	1					1	1	1	2	2		1.087			2	1	1	3

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Concluded.

District.	Num-ber of estab-lish-ments	Num-ber of em-ploy-ees.	Employees whose average hours worked per week day for the pay-roll period were—												Average earnings per hour worked.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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			4	5	6	7	8	9	10	11	12	over.	Un-der 40 cts.	40 and un-der 50 cts.		50 and un-der 60 cts.	60 and un-der 70 cts.	70 and un-der 80 cts.	80 and un-der 90 cts.	90 and un-der 1.00.	1.00 and un-der 1.25.	1.25 and un-der 1.50.	1.50 and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

SCREW MEN, UNIVERSAL MILLS, SIDE ROLLS.

Eastern.....	2	6	10.5							2	1	3			\$0.619			2	4						
Pittsburgh.....	1	2	11.7								1				1.034										
Great Lakes and Middle West.....	1	1	7.4					1							.787					1					
Total.....	4	9	10.4					1		2	2	3	1		.730			2	4	1					

SHEARMEN.

Eastern.....	2	23	10.2		1	1	1	1	1	10	8	1	\$0.623			5	5	6	5	2					
Pittsburgh.....	5	54	9.3	7	1	2	3	2	10	5	10	14	1.137					5	4	4	7	19		5	7
Great Lakes and Middle West.....	3	20	9.8	1			1	1	7	2	5	3	.976					1	1	2	2	14			
Total.....	10	97	9.6	8	2	2	2	3	4	18	17	23	18	.982			5	5	12	10	8	9	33	5	7

SHEARMEN'S HELPERS.

Eastern.....	2	118	9.2	6	4	7	3	6	10	14	32	35	1	\$0.452	31	51	33	3	3	37	48	23	2	.....
Pittsburgh.....	5	339	8.6	52	13	16	6	20	19	65	34	50	64	.728	.....	24	72	95	38	.....	.....	.....	.....	.....
Great Lakes and Middle West.....	3	170	8.4	9	12	10	9	10	24	59	12	10	15	.555	.....	83	74	3	2	1	1	6	.....	.....
Total.....	10	627	8.7	67	29	33	18	36	53	138	78	95	80	.630	31	158	179	101	40	38	49	29	2	.....

TABLE OPERATORS, SHEARED-PLATE MILLS.

Eastern.....	2	14	8.5	2	.....	.....	.....	2	1	4	2	3	.....	\$0.562	2	2	5	3	1	1	.....	.....	.....
Pittsburgh.....	5	19	9.4	2	.....	.....	.....	1	2	4	2	4	4	.964	.....	.....	1	4	3	2	3	2	2
Great Lakes and Middle West.....	2	12	8.4	.....	1	.....	2	1	3	3	1	.....	1	.957	.....	.....	.....	.....	.....	5	7	.....	.....
Total.....	9	45	8.9	4	1	.....	2	4	6	11	5	7	5	.833	2	2	6	7	4	8	3	9	2

COLD-SAW MEN'S HELPERS.

[illegible]

DRILLERS AND PUNCHERS.

Pittsburgh.....	2	69	8.4	12	5	1	4	2	7	11	8	7	12	\$0.711	.....	.....	.....	32	3	17	7	5	5
Great Lakes and Middle West.....	3	72	6.6	7	18	3	11	8	5	11	8	1	.....	.638	.....	.....	.....	30	3	7	26	5	1
Total.....	5	141	7.5	19	23	4	15	10	12	22	16	8	12	.671	30	35	10	43	12	6	5

HOT-BED LEVER MEN.

Pittsburgh.....	2	13	9.2	1	.....	2	.....	3	1	2	1	3	\$0.512	.....	.....	.....	4	9	.....
Great Lakes and Middle West.....	3	16	6.8	5	2	1	2	.....	1	1	.....	4	.578	.....	.....	.....	5	5	2
Total.....	5	29	7.9	6	2	1	4	.....	4	2	2	1	7	.546	.....	.....	9	14	2

HOT-BED MEN:

Pittsburgh.....	2	9	9.0	1	.....	1	.....	2	1	1	.....	2	\$0.483	.....	.....	.....	.....	5	4	.....
Great Lakes and Middle West.....	2	13	8.9	1	1	.....	1	2	2	.....	2	3	.514	.....	.....	.....	.....	4	9	.....
Total.....	4	22	8.9	2	1	1	1	4	3	1	3	5	.502	.....	.....	.....	.....	9	13	.....

HOT-SAW MEN'S HELPERS.

[illegible]

MALES—Continued.

INSPECTORS.

LABORERS.

REFLECTERS.

REHEATERS' HELPERS.

Pittsburgh.....	2	14	8.4	3	2	3	4	2	\$0.517	3	11
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STRAIGHTENERS' HELPERS.

Pittsburgh.....	2	43	7.8	10	2	1	3	2	4	7	1	0	7	\$0.537	8	22	12	1
Great Lakes and Middle West.....	3	26	4.7	7	11	2	2	4477	24	2
Total.....	5	69	6.6	17	13	3	5	2	8	7	1	6	7	.527	.....	32	22	14	1	.....

TABLE LEVER MEN.

Pittsburgh.....	2	16	7.7	2	1	.....	3	3	1	4	1	.....	1	\$0.666	.....	2	6	1	2	3	2	.....
Great Lakes and Middle West.....	3	25	4.1	17	1	.....	.....	3	1	.....	3	.....	.912	.....	.....	.....	.....	1	5	2	11	6	.....
Total.....	5	41	5.5	19	2	.....	3	6	2	4	1	3	1	.816	.....	2	6	2	7	5	13	6	.....

TABLE MEN.

Pittsburgh.....	1	3	4.9	2	.....	.....	.....	1	.....	.....	.....	.....	.....	\$0.771	.....	.....	.....	.....	2	1	.....	.....	.....
Great Lakes and Middle West.....	1	4	6.6	2	.....	.....	.....	.....	1	1	.....	.....	.....	.482	.....	4	.....	.....	.....	.....	.....	.....	.....
Total.....	2	7	5.9	4	.....	.....	.....	1	.....	1	1	.....	.....	.606	.....	4	.....	.....	2	1	.....	.....	.....

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Concluded.

MALES—Continued.

District.	Num-ber of estab-lish-ments	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—												
		Un-der 4.													Aver-age earnings per hour worked.	Un-der 40 cts.											
		4	5	6	7	8	9	10	11	12	13	14	15			40	50	60	70	80	90	1.00	1.25	1.50	1.75	2.00	2.25
Pittsburgh.....	2	18	6.9	5	1	1	1	2	2	4	1	.....	.....	.....	1	7	4	3	.....	.....	.....	3	1	.....	.....	.....
Great Lakes and Middle West.....	3	11	7.9	3	.....	.....	1	.....	1	2	1	.....	.....	.....	3	.....	.....	.....	.....	.....	2	3	4	2	.....	.....
Total.....	5	29	7.3	8	1	1	2	3	6	2	.....	.....	.....	.....	4	7	4	3	2	6	5	2	.....	.....	.....	.....

GUIDE SETTERS.

Pittsburgh.....	2	18	6.9	5	1	1	1	2	2	4	1	.....	.....	.....	1	7	4	3	.....	.....	.....	3	1	.....	.....	.....
Great Lakes and Middle West.....	3	11	7.9	3	.....	.....	1	.....	1	2	1	.....	.....	.....	3	.....	.....	.....	.....	.....	2	3	4	2	.....	.....
Total.....	5	29	7.3	8	1	1	2	3	6	2	.....	.....	.....	.....	4	7	4	3	2	6	5	2	.....	.....	.....	.....

HOT-SAW MEN.

Pittsburgh.....	2	5	8.8	1	1	1	2	2	1	2
Great Lakes and Middle West.....	2	6	4.3	4	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.610	.....	2	4	.....	.....	.....	.....	.....	.....
Total.....	4	11	6.3	5	.....	.....	1	.....	2	1	.....	.....	.....	.....	2	.590	.....	2	3	.....	.....	.....	.....	.....	.....

ROLL ENGINEERS.

Pittsburgh.....	2	12	11.8	2	1	9	4	8
Great Lakes and Middle West.....	3	14	7.7	4	2	.....	.....	.....	.....	4	.....	.....	.....	.....	4	5	2	.....	.....	.....	3	4	.....	.....
Total.....	5	26	9.6	6	2	.....	.....	.....	.....	5	.....	.....	.....	.....	13	9	10	.....	.....	.....	3	4	.....	.....

ROLLERS.

	2	4	11.0			1	1	2	\$0.984		2		2	
Pittsburgh.....														
Great Lakes and Middle West.....	2	4	7.3	1		1	1		1.400				3	1
Total.....	4	8	9.1	1		1	1	2	2	1.192		2	3	1

ROLLERS' HELPERS.

STRAIGHTENERS, GAG PRESS.

Pittsburgh.....	2	40	9.3	2	3	3	1	1	6	4	3	8	9	\$1.036	.....	1	8	4	2	19	6	.....
Great Lakes and Middle West.....	2	17	3.9	8	2	7	.....	.....	.....	.....	.....	.....	1.291	.....	.....	.....	.....	.....	1	6	5	.....
Total.....	4	57	7.7	10	5	10	1	1	6	4	3	8	9	1.112	.....	1	8	4	3	26	11	6

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

District.	Num-ber of estab-lish-ments.	Num-ber of employ-ees.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Employees whose earnings per hour worked were—														
				hours worked per week day for the pay-roll period were—												Aver- age earnings per hour worked.	cts.												Un-der 4.	4 to 5.
				4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to 12.	12 to 13.	13 to 14.	14 to 15.	15 to 16.		Un-der 25 cts.	25 to 30 cts.	30 to 35 cts.	35 to 40 cts.	40 to 45 cts.	45 to 50 cts.	50 to 60 cts.	60 to 70 cts.	70 to 80 cts.	80 to 90 cts.	90 to \$1.			

HOTBED MEN.

Eastern.....	4	71	5.6	20	6	11	11	8	1	7	6	1	1	1	\$0.531	3	9	7	5	3	6	6	14	16	6	2	2	8
Pittsburgh.....	3	163	6.0	62	13	14	12	6	7	13	19	3	14	1	.636	.....	.....	.....	.....	9	31	33	42	29	9	2	8
Great Lakes and Middle West.....	11	208	7.5	34	19	14	19	17	20	20	24	34	7	.522	.....	5	.....	11	11	87	55	15	11	11	2	.....	.....
Southern.....	16	73	7.1	22	2	3	7	2	3	10	2	21	1	.415	6	7	8	12	6	14	17	3	.....	.....	.....	.....	.....
Pacific Coast.....	3	118	8.4	78	6	2	15	14	4	.....	.....	.....	.....	.792	.....	.....	.....	.....	.....	2	20	56	8	4	4	16	11
Total.....	127	683	6.1	216	45	44	64	47	35	50	51	59	22	.592	9	27	15	28	29	140	125	132	59	30	10	24	11	

LABORERS.

Eastern.....	8	108	6.2	34	8	4	4	4	11	12	25	1	1	1	\$0.409	45	1	57
Pittsburgh.....	3	416	8.7	85	18	12	21	18	18	19	47	66	109	.482	.....	.482	.....	.....	.....	38	356	22	.....	.....	.....	.....	.....
Great Lakes and Middle West.....	10	545	7.7	72	28	49	27	53	101	76	89	33	17	.448	.....	.448	.....	6	28	243	242	27	1	.....	.....	.....	.....
Southern.....	16	134	8.0	14	7	8	9	8	28	24	25	4	6	.251	8	.251	8	66	46	6	.....	.....	.....	.....	.....	.....	.....
Pacific Coast.....	3	61	6.1	15	10	5	6	12	8	5	2	2	.....	.500	.....	.500	.....	.....	.....	19	.....	42	.....	.....	.....	.....	.....
Total.....	126	1,246	7.9	218	71	73	67	96	161	136	186	109	131	.443	8	.443	8	69	52	77	301	656	91	1	.....	.....	.....

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

District.	Num-ber of estab-lish-ments	Num-ber of em-ploy-ees.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—															
				4	5	6	7	8	9	10	11	12																				
				Un-der 4.	and der 4, 5.	and der 5, 6.	and der 6, 7.	and der 7, 8.	and der 8, 9.	and der 9, 10.	and der 10, 11.	and der 11, 12.	Un-der 25 cts.	25 and der 30 cts.	30 and der 35 cts.	35 and der 40 cts.	40 and der 45 cts.	45 and der 50 cts.	50 and der 60 cts.	60 and der 70 cts.	70 and der 80 cts.	80 and der 90 cts.	90 cts. and \$1.	\$1 and \$1.25.	\$1.25 and \$1.50.	\$1.50 and \$2.00.	\$2.00 and \$2.50.	\$2.50 and \$3.00.	\$3.00 and \$3.50.	\$3.50 and \$4.00.	\$4.00 and \$4.50.	\$4.50 and \$5.00.

STOCKERS.

Eastern.....	3	44	8.0	6	3	2	2	4	12	15	8	8	\$0.461					18	13	12	1											
Pittsburgh.....	2	66	8.6	11	2	2	4	8	7	16			8	662				1		32	12	6	3	9	3							
Great Lakes and Middle West.....	9	200	7.6	28	13	18	15	14	28	35	21		501				1	73	53	31	33	4	2	3								
Southern.....	12	13	10.5		1			2	1	1			369				4	9														
Pacific Coast.....	1	4	7.2				1	3					523							4												
Total.....	117	327	7.9	45	16	21	20	23	42	48	67	29	16	524			4	10	92	66	79	46	10	5	12	3						

STRANDERS.

Eastern.....	4	67	7.6	8	2	2	10	4	9	18	13		1	\$0.581				2	2	16	3	19	2									
Pittsburgh.....	3	99	8.2	5	9	13	2	9	20	13	15	3	10	846					2	4	9	21	25	26	6	1						
Great Lakes and Middle West.....	11	183	7.9	23	7	10	4	26	32	40	30	10	1	756				2	7	38	31	25	28	15	31	4						
Southern.....	16	24	8.9	3	3	2	1	3	2	10	1	11		552			2	4	3	2	4	4	4	4	1	1						
Pacific Coast.....	3	73	5.0	28	2	2	25	13	3					1,129				1	1	13	12	11	2	1	13	19						
Total.....	* 27	456	7.5	67	23	44	54	67	81	59	24	12	896	1	2	6	5	8	33	73	59	80	61	45	54	24						

District.	Num-ber of estab-lish-ments	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—											
			day for the pay-roll period were—																								
			Un-der 4.	4 and 5.	5 and 6.	6 and 7.	7 and 8.	8 and 9.	9 and 10.	10 and 11.	11 and 12.	12 and over.	Un-der 40 cts.	40 and 50 cts.		50 and 60 cts.	60 and 70 cts.	70 and 80 cts.	80 and 90 cts.	90 cts. and un-der \$1.	\$1. and un-der \$1.25.	\$1.25 and un-der \$1.50.	\$1.50 and un-der \$2.	\$2. and over.			
CATCHERS.																											
Eastern.....	4	29	7.7	3	2	2	2	3	2	8	7			\$0.797				9	2	3	6	4	5				
Pittsburgh.....	3	44	9.0	4		3	4	1	9	4	4	1	14	.922					19	9	3	9	4				
Great Lakes and Middle West.....	11	91	8.1	7	5	4	8	17	9	18	17	4	2	1.047				4	5	11	8	20	23	12	6		
Southern.....	16	32	9.1	3	2	4	8	2	4	8	2	8	2	.741				2	3	6	9	2	1				
Pacific Coast.....	3	30	6.1	6		4	9	9	2					1.091							2	10	1	7	3		
Total.....	27	226	8.1	23	7	13	26	32	26	38	30	13	18	1.033	2	2	16	13	39	32	31	48	17	14	5		
HEATERS.																											
Eastern.....	4	45	7.3	9	2	3	5	1		7	14	4		\$0.909					9	4	11	3	13	5			
Pittsburgh.....	3	35	9.0	3	2			1		7	6	10	1	1.121				1	3	7	6	5	5	8			
Great Lakes and Middle West.....	11	108	8.7	10	3	2	3	11	8	26	28	16	1	1.299				2	6	7	10	36	20	9	5		
Southern.....	16	28	10.0					1	7	9	5	6		1.137				2	1	3	6	3	5	3	1		
Pacific Coast.....	3	40	5.7	11	1	3	13	9	3					2.167							2	7	10	2	5		
Total.....	27	266	8.2	33	8	8	22	22	25	48	57	27	6	1.324	2	2	3	19	14	34	12	61	40	28	7		
BOUGHERS.																											
Eastern.....	4	34	7.7	4	3	3	1		2	10	11			\$0.846				4	3	8	10	1	8				
Pittsburgh.....	3	45	9.9	1		1	2	1	.12	4	8	1	15	.947					2	9	15	4	10	5			
Great Lakes and Middle West.....	11	103	8.3	5	6	4	2	27	17	14	20	7	1	1.045				5	6	10	10	26	21	12	1		
Southern.....	16	41	8.6	3	2	2	1	1	3	13	6	9	1	1.788	2	4	2	5	7	12	3	6					
Pacific Coast.....	3	44	5.9	12	1	4	11	12	4					1.653							16	2	13	4	1		
Total.....	27	267	8.1	25	12	14	17	41	38	41	45	17	17	1.061	2	4	11	16	34	47	34	61	19	25	5		

Including 2 weekly pay rolls.

Including 1 weekly pay roll.

Including 1 weekly pay roll.

Including 2 weekly pay rolls.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Concluded.

District.	Num-ber of estab-lish-ments	Aver-age hours work-ed per week day.	Employees whose average hours worked per week day for the pay-roll period were—										Employees whose earnings per hour worked were—									
			Average earnings per hour worked.										Average earnings per hour worked.									
			Un-der 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to 12.	12 and over.	Un-der 75 cts.	\$1.	\$1.25 and under.	\$1.50 and under.	\$1.75 and under.	\$2.00 and under.	\$2.25 and under.	\$2.50 and under.	\$3.00 and under.	\$3.50 and over.
Eastern.....	4	16	8.9	1	2	1	1	1	4	5	9	1	.....	2	6	7	1	1	1	1	.....	.....
Pittsburgh.....	3	31	9.7	2	.....	1	3	6	4	5	3	7	.....	.....	2	10	7	6	1	2	3	.....
Great Lakes and Middle West.....	11	47	9.8	1	1	1	3	8	6	11	13	3	.....	2	5	1	8	4	4	4	3	1
Southern.....	16	19	9.9	.....	1	1	1	3	6	1	7	.....	1	2	1	2	1	5	3	4	1	4
Pacific Coast.....	3	23	6.2	2	1	3	6	3	.....	.....	.....	.....	1	2	2	2	3	1	4	1	5	2
Total.....	127	188	9.1	7	3	4	7	17	20	26	24	10	1,911	3	7	16	19	15	14	9	8	1

¹ Including 2 weekly pay rolls.

ROLLERS.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

IRON AND STEEL: SHEET MILLS.

MALES.

[Pay-roll period: Two weeks and one-half month.]

District.	Num-ber of estab-lish-ments.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Employees whose earnings per hour worked were—																						
			Aver-age earnings per hour worked.												Un-der 4.	4 5.	5 6.	6 7.	7 8.	8 9.	9 10.	10 11.	11 12.	12 and over.	Un-der 25 cts.	25 30 cts.	30 35 cts.	35 40 cts.	40 45 cts.	45 50 cts.	50 60 cts.	60 70 cts.	70 80 cts.	80 90 cts.	90 and over.		
			1	2	3	4	5	6	7	8	9	10	11	12																							
LABORERS.																																					
Pittsburgh.....	3	81	7.9	17	9	3	6	5	0	5	7	7	16	\$0.455																							
Great Lakes and Middle West.....	3	80	8.3	15	3		7	6	7	6	12	14	10	.466																							
Total.....	6	161	8.1	32	12	3	13	11	13	11	19	21	26	.460																							
OPENERS.																																					
Pittsburgh.....	5	124	5.2	43	2	18	37	19	5					\$0.711																							
Great Lakes and Middle West.....	2	62	4.8	22	8	5	13	9	4		1			.682																							
Total.....	7	186	5.1	65	10	23	50	28	9		1			.685																							
PICKLERS.																																					
Pittsburgh.....	4	24	9.5	2	2	1		1		4	2	4	8	\$0.662																							
Great Lakes and Middle West.....	2	41	7.7	10		1	1	5	5	3	8	3	5	.550																							
Total.....	6	65	8.4	12	2	2	1	6	5	7	10	7	13	.592																							

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD AND LOCALITY—Continued.

MALES—Continued.

District.	Num-ber of estab-lish-ments	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—										Aver- age earn- ings per hour work- ed.	Employees whose earnings per hour worked were—																	
			day for the pay-roll period were—																												
			Un- der 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to 12.	12 or over.		Un- der 25 cts.	25 to 30 cts.	30 to 35 cts.	35 to 40 cts.	40 to 45 cts.	45 to 50 cts.	50 to 60 cts.	60 to 70 cts.	70 to 80 cts.	80 to 90 cts.	90 cts. and over.	Un- der 25 cts.	25 to 30 cts.	30 to 35 cts.	35 to 40 cts.	40 to 45 cts.	45 to 50 cts.	50 to 60 cts.	60 to 70 cts.	70 to 80 cts.	80 to 90 cts.	90 cts. and over.

SHEARMEN'S HELPERS.

Pittsburgh.....	5	60	7.1	16	7	23	12	2	2	2	2	2	80.632	1	2	8	3	6	21	12	1	4	1	1
Great Lakes and Middle West.....	3	111	4.6	40	22	11	17	12	5	2	2	2	.745	1	2	8	3	6	21	12	1	4	1	1
Total.....	8	171	5.5	56	22	18	40	24	7	2	2	2	.705	1	2	9	7	16	36	41	45	10	3	1

Pittsburgh.....	5	60	7.1	16	7	23	12	2	2	2	2	2	80.632	1	2	8	3	6	21	12	1	4	1	1
Great Lakes and Middle West.....	3	111	4.6	40	22	11	17	12	5	2	2	2	.745	1	2	8	3	6	21	12	1	4	1	1
Total.....	8	171	5.5	56	22	18	40	24	7	2	2	2	.705	1	2	9	7	16	36	41	45	10	3	1

CATCHERS.

Pittsburgh.....	5	124	5.0	48	5	15	30	21	5	2	3	1	4	41	24	5	.....	.....	.....	.....	.....	.....	.....	.....
Great Lakes and Middle West.....	3	227	5.0	78	26	11	66	45	6	1	3	7	19	22	115	54	2	.....	.....	.....	.....	.....	.....	.....
Total.....	8	351	5.0	121	31	26	96	66	11	1	3	10	20	26	156	98	26	5	.....	.....	.....	.....	.....	.....

DOUBLERS.

Pittsburgh.....	5	155	4.4	70	3	16	34	24	2	.....	.....	\$1.019	.....	2	5	0	25	31	66	16	1	.....	.....
Great Lakes and Middle West.....	3	210	3.9	105	20	15	53	16	1	.....	.....	.861	8	3	10	17	37	46	61	31	1	.....	.....
Total.....	8	365	4.1	181	23	31	87	40	3	.....	.....	.928	3	3	12	22	46	71	92	97	17	2	.....

MATCHUPS.

[illegible]

PAIR HEATERS.

Pittsburgh.....	5	132	4.6	57	11	15	27	18	4	\$1.170	2	1	5	11	69	37	6	1
Great Lakes and Middle West.....	3	182	5.1	51	23	12	59	33	4	.....	.908	2	3	4	8	11	28	40	74	9	3	.....
Total.....	8	314	4.9	108	34	27	86	51	8	.....	1.063	2	3	6	9	11	33	51	143	46	9	.....

ROLLERS' HELPERS OR FINISHERS.

Pittsburgh.....	4	71	4.3	39	12	20	8	6	16	5	12	16	6	1	1				
Great Lakes and Middle West.....	3	132	5.1	32	31	8	34	25	2972	1	5	25	30	25	29	14	2	1	
Total.....	7	203	4.8	71	31	20	54	25	2	1.075	1	5	33	36	41	34	26	18	7	1	1

SHEARMEN.

	5	56	6.0	12	1	6	18	15	4	.....	.....	\$1,503	.....	.....	1	2	8	1	.....	6	21	16	1	.....
Pittsburgh.....																								
Great Lakes and Middle West.....	3	119	5.5	33	12	7	27	28	8	1	2	1,550	.....	.....	1	.....	3	4	23	30	29	9	8	12
Total.....	8	175	5.6	45	13	13	45	43	12	1	2	1,534	.....	.....	2	2	11	5	23	36	50	25	9	12

SHEET HEATERS' HELPERS.

Pittsburgh.....	5	68	4.4	38	1	9	19	1	.....	.....	\$1.152	.....	.....	.....	4	9	7	24	17	6	1	.....
Great Lakes and Middle West.....	3	150	4.8	47	27	9	35	28	4	.....	.865	1	1	4	11	34	42	32	23	2	.....
Total.....	8	218	4.7	85	28	18	54	20	4	.....	.955	1	1	4	11	38	51	39	47	19	6	1

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
 OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Concluded.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
 OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued

IRON AND STEEL: TIN-PLATE MILLS.

MALES.

[Pay-roll period: Two weeks and one-half month.]

[illegible]

MALES—Continued.

[illegible]

District.	Num-ber of estab-lish-ments.	Employees whose average hours worked per week day for the pay-roll period were—										Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—											
		Aver- age hours worked per week day.											Aver- age earnings per hour worked.											
		Un-der 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to 12.	12 or over.		Un-der 40 cts.	40 to 50 cts.	50 to 60 cts.	60 to 70 cts.	70 to 80 cts.	80 to 90 cts.	90 cts. and over.	\$1. and under \$1.25.	\$1.25 and under \$1.50.	\$1.50 and over.		
CATCHERS.																								
Pittsburgh.....	4	302	4.8	84	29	51	113	25						\$0.983			6	33	32	54	37	94	46	
Great Lakes and Middle West.....	3	105	5.9	11	10	11	49	24						1.066			1		2	7	15	54	25	1
Total.....	7	407	5.1	95	39	62	162	49						1.005			7	33	34	61	52	148	71	1
DOUBLERS.																								
Pittsburgh.....	3	99	5.6	19	4	6	48	22						\$1.567			1		2	2		6	19	41
Great Lakes and Middle West.....	3	86	6.3	6	2	4	43	31						1.452				1				6	41	35
Total.....	6	185	5.9	25	6	10	91	53						1.514			1	1	2	2		12	60	76
DOUBLERS' HELPERS.																								
Pittsburgh.....	4	191	4.5	59	24	39	58	11						\$0.839			13	22	23	10	34	53	31	5
Great Lakes and Middle West.....	3	93	6.1	9	2	2	48	32						.798			1	5	10	27	38	9	3	
Total.....	7	284	5.1	68	26	41	106	43						.825			14	27	33	37	72	62	34	5
DOUBLERS, LEVEL-HANDED.																								
Pittsburgh.....	3	139	5.2	29	14	44	52							\$1.040			1	1	8	13	37	65	13	1
Great Lakes and Middle West.....	1	13	6.0	1	2	1	7	2						1.080						2	3	6	2	
Total.....	4	152	5.3	30	16	45	59	2						1.039			1	1	8	15	40	71	15	1

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

District.	Num-ber of estab-lish-ments	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—												
			Aver-age hours worked per week day for the pay-roll period were—													Un-der 40 cts.	40 and un-der 50 cts.	50 and un-der 60 cts.	60 and un-der 70 cts.	70 and un-der 80 cts.	80 and un-der 90 cts.	90 and un-der \$1.	\$1 and un-der \$1.25	\$1.25 and un-der \$1.50	\$1.50 and un-der \$1.75	\$1.75 and un-der \$2	\$2 and over.	
			Un-der 4.	4.	5.	6.	7.	8.	9.	10.	11.	12.																
HEATERS.																												
Pittsburgh.....	3	76	6.0	7	8	3	43	15									1		2	1	2	2	6	19	33	10		
Great Lakes and Middle West.....	3	38	5.9	4	4	3	18	9														2	13	20	3			
Total.....	6	114	5.9	11	12	6	61	24									1		2	1	2	4	19	39	36	10		
HEATERS' HELPERS.																												
Pittsburgh.....	2	82	5.0	20	10	7	35	9	1										1	4	5	42	28	1	1			
Great Lakes and Middle West.....	3	41	5.6	5	5	2	19	10									1	3	3	5	7	22						
Total.....	5	123	5.2	25	15	9	54	19	1								1	3	4	9	12	64	28	1	1			
HEATERS, LEVEL-HANDED.																												
Pittsburgh.....	4	170	5.2	27	16	5	74												1	9	17	93	49	1				
Great Lakes and Middle West.....	2	115	6.5	5	4	3	63	40														53	54	8				
Total.....	6	285	5.7	32	20	8	137	40											1	9	17	146	103	9				

REDIPPERS.

Pittsburgh.....	1	13	6.1	2	3	5	3	\$1.300	1	4	5	3
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ROLLERS, LEVEL-HANDED.

Pittsburgh.....	3	121	4.9	14	53	53	1	\$1.505	8	49	56	8
Great Lakes and Middle West.....	2	21	5.2	6	2	9	4	1.381	2	5	7	5	2
Total.....	5	142	4.9	20	55	53	10	4	.....	1.487	.....	.....	.....	.....	2	13	56	61	10	.....

ROUGHERS.

Pittsburgh.....	4	272	4.9	76	36	50	86	24	.....	\$1.163	.....	.....	.....	12	13	21	28	80	104	14	.....
Great Lakes and Middle West.....	8	99	6.0	11	4	9	44	31	.....	1.159	.....	.....	.....	.....	3	12	62	18	4	.....
Total.....	7	371	5.1	87	40	59	130	55	.....	1.162	.....	.....	.....	12	13	24	40	149	122	18	.....

SHEARMEN.

Pittsburgh.....	3	53	4.1	22	22	2	6	1	.....	.....	.....	.....	1	.....	1	1	.....	14	16	18	1	.....
Great Lakes and Middle West.....	3	24	6.3	4	.....	4	5	4	7	1.419	.....	.....	.....	.....	.....	2	7	10	3	.....	2	
Total.....	6	77	4.8	26	23	6	11	5	7	1.388	.....	.....	1	.....	1	1	2	21	26	21	1	.....

TINNERS.

Pittsburgh.....	8	255	6.2	37	44	8	22	86	49	4	1	4	3	\$1.001	.....	5	8	16	30	37	45	75	23	7	9	.....
Great Lakes and Middle West.....	2	76	5.8	20	10	2	8	28	13	.....	.....	.....	.....	1.119	.....	.....	.....	.....	.....	6	15	42	9	2	2	.....
Total.....	5	331	6.1	57	54	10	25	114	62	1	1	4	3	1.028	.....	5	8	16	30	43	60	117	32	9	11	.....

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MAYES—Concluded.

District.	Num-ber of estab-lish-ments	Aver-age hours work-ed per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earn-ings per hour work-ed.	Employees whose earnings per hour worked were—													
			Un-der 4.													75 cts.	Un-der 75 cts.	\$1.	Un-der and over.										
			4.	5.	6.	7.	8.	9.	10.	11.	12.	Un-der and over.	75 cts.	\$1.					\$1.25	\$1.50	\$1.75	\$2.	\$2.25	\$2.50	\$2.75	\$3.	\$3.25	\$3.50	
Pittsburgh.....	3	167	23	14	17	82	20	1									1	4	7	5	12	18	44	47	14	3	2		
Great Lakes and Middle West.....	3	88	4	4	4	54	22											2		1	11	23	32	15	8	1			
Total.....	6	245	27	18	21	136	42	1									1	6	7	6	23	41	76	62	17	4	2		

ROLLERS.

**AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.**

LEATHER: HEAVY UPPER.

MALES.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Num-ber of employ-ees.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—											
				Un-der 4.	4	5	6	7	8	9	10	11	12	Un-der 20 cts.	20		25	30	35	40	45	50	60	70	80	90	\$1 and over.	
					and un-der 5.	and un-der 6.	and un-der 7.	and un-der 8.	and un-der 9.	and un-der 10.	and un-der 11.	and un-der 12.	and un-der 25 cts.		and un-der 30 cts.		and un-der 35 cts.	and un-der 40 cts.	and un-der 45 cts.	and un-der 50 cts.	and un-der 60 cts.	and un-der 70 cts.	and un-der 80 cts.	and un-der 90 cts.				
One week:																												
Illinois.....	2	35	8.9	1	1	2	2	7	9	15	4			\$0.501						1	2	4	9	11	2			
Massachusetts.....	2	23	6.9	2	1	2								.625														
New Jersey.....	2	11	8.7							6	5			.665														
New York.....	2	10	9.3					2	2	3	5			.390					6	4			1	2	3			
Other States.....	3	9	9.3						2	6		1		.511								4	5					
Total.....	11	88	8.6	3	1	2	2	9	26	30	14	1		.542				6	1	23	34	12	4			2		
Two weeks:																												
Wisconsin.....	3	15	9.3						3	7	3			.471					8	2	4	1						
Other States.....	1	4	7.6			1	2		3					.588							3	1						
Total.....	4	19	8.9			1	2		6	7	3			.495					8	2	7	2						
Grand total.....	15	107	8.6	3	1	3	4	9	32	37	17	1		.584				6	9	31	41	14	4			2		

BEAM HANDS.

BUFFERS.

MINISTERS.

FLESHERS AND UNHAIRERS.

One week:													
Illinois.....	2	26	8.7					2	12	12			
New Jersey.....	2	10	9.7				4		6				
New York.....	2	7	9.6				1		5				
Other States.....	4	80	6.9	5	6	18	2	14	23	7			
Total.....	10	123	7.7	5	5	18	7	16	35	30	1		
Two weeks:													
Wisconsin.....	3	36	9.1	2		1			2	18			
Other States.....	1	1	8.0						1				
Total.....	4	37	9.1	2		1			3	18	18		
Grand total.....	14	160	8.0	5	7	6	19	16	38	48	20	1	

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Num-ber of employ-ees.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—											
				day for the pay-roll period were—																								
				Un-der 4.	4 and 5.	5 and 6.	6 and 7.	7 and 8.	8 and 9.	9 and 10.	10 and 11.	11 and 12.	12 and over.	Un-der 20 cts.	20 and 25 cts.		25 and 30 cts.	30 and 35 cts.	35 and 40 cts.	40 and 45 cts.	45 and 50 cts.	50 and 60 cts.	60 and 70 cts.	70 and 80 cts.	80 and 90 cts.	90 cts. and over.		
One week:																												
Illinois.....	2	23	7.8	3	1			1	12	6				\$0.445				2	5	8	4	2	2					
New York.....	2	12	8.1			1		2	7	2				.587					6	1	1	5	4	22	2		1	
Other States.....	4	36	3.6	23		3		4	4	2				.717														
Total.....	8	71	5.7	26	1		4	7	23	10				.607			2	11	9	5	7	6	24	6		1	1	
Two weeks:																												
Wisconsin.....	2	33	8.2	2	1	2		5	6	13	4			.430			1	1	8	11	6	6						
Other States.....	1	1	9.7							1				.633									1					
Total.....	3	34	8.3	2	1	2		5	6	14	4			.436				1	1	8	11	6	6	1				
Grand total.....	11	105	6.5	28	2	2	4	12	29	24	4			.552			1	3	19	20	11	13	7	24	6		1	
LABORERS, ALL DEPARTMENTS.																												
One week:																												
Illinois.....	2	296	8.0	26	9	3	30	15	109	88	11	6		\$0.437			1	15	29	108	106	29	7	1				
Massachusetts.....	2	51	7.9		1	1	4	18	22	5				.614														
New Jersey.....	2	88	9.9	2	1			1	17	11	32	10	14	.441			4	7	24	22		42	5					
New York.....	2	64	9.5					1	6	4	23	24	5	1	.368				37	1	16	10						
Other States.....	3	293	8.5	12	2	8	13	19	137	92	12	3		.613			3	26	30	64	23	75	46	22	3		1	
Total.....	11	792	8.5	39	13	7	48	59	289	219	70	24	15	.472			8	85	84	210	139	173	62	23	3		5	

PUTTERS-OUT, HAND.

PUTTERS-OUT, MACHINE.

SEASONERS.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—										Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—												
			Un- and der 4.												20	25	30	35	40	45	50	60	70	80	90	
			Un- and der 4.	4.5.	5.	6.	7.	8.	9.	10.	11.	12.	over.	Un- and der cts.	Un- and der cts.	Un- and der cts.	Un- and der cts.	Un- and der cts.	Un- and der cts.	Un- and der cts.	Un- and der cts.	Un- and der cts.	Un- and der cts.	Un- and der cts.	Un- and der cts.	\$1. and over.

SHAVERS.

One week:																										
Illinois.....	2	28	7.7	2	1	1	3	15	7				30.564					2	4	1	6	15	2	1	3	20
Massachusetts.....	2	27	7.1	1	1	2	4	20	4				.958					1	1	1	1	1	1	1	1	1
New Jersey.....	2	26	8.8	1	1	1	1	21	10				.073					1	2	3	3	3	15	4	1	1
New York.....	2	9	8.3	1	1	1	1	3	4				.476					5	1	1	6	4				
Other States.....	3	10	8.0					5	2				.573													
Total.....	11	120	7.9	2	3	4	8	34	46	13	10		.713					8	6	6	21	24	17	5	3	30
Two weeks:																										
Wisconsin.....	3	70	8.4	3	3	2	1	4	43				.805					9	6	3	13	46				
Other States.....	1	2	8.6					2					.651													
Total.....	4	72	8.4	3	3	2	1	4	43				.510					2	6	3	13	46	2			
Grand total.....	15	192	8.1	5	6	6	9	38	62	56	10		.636					2	14	9	19	67	26	17	5	3

SORTERS AND MEASURERS.

One week:																										
Massachusetts.....	3	66	8.2				4	16	39	5		1	1	30.464				29	5	10	17	2	1	2		
Other States.....	3	9	9.1				1	4	2	1		1		.463				3	4	1	1	1				
Total.....	6	75	8.3				4	17	43	7	1	2	1	.663				31	9	11	18	3	1	2		

[illegible]

SPLITTERS.

[illegible]

STAKERS, TACKERS, AND STRETCHERS, HAND.

[illegible]

GLAZERS.

One week:	1	8	7.7	1	.....	1	6	.....	.....	\$0.378	.....	1	2	2	.....	1	.....
All States.....																	
Two weeks:	2	56	7.6	2	5	.....	8	17	23	1	.....	26	21	9	.....	.....	.....
All States.....																	
Total.....	3	64	7.6	3	5	.....	8	18	29	1	.....	27	23	11	2	.....	1

LABORERS:

[illegible]

SEASONTERS.

[illegible]

SETTLERS.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY.—Continued.

FEMALES—Concluded.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—										Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—											
			Un-der 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to 12.	12 and over.		Un-der 20 cts.	20 to 25 cts.	25 to 30 cts.	30 to 35 cts.	35 to 40 cts.	40 to 45 cts.	45 to 50 cts.	50 to 60 cts.	60 to 70 cts.	70 to 80 cts.	80 to 90 cts.	90 cts. and over.

SORTERS AND MEASURERS.

One week: All States.....	1	2	8.8						2					\$0.283			2									
Two weeks: All States.....	2	5	6.6	1	1			2	1					.266			4	1								
Total.....	3	7	7.3	1	1			4	1					.271			6	1								

STAKERS.

One week: All States.....	2	25	8.1	1	1				3	14	6			\$0.329			7	11	5	2						
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AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

LEATHER: LIGHT UPPER.

MALES.

(Pay-roll period: One week.)

Locality.	Num-ber of estab-lish-ments	Num-ber of em-ploy-ees.	Employees whose average hours worked per week day for the pay-roll period were—										Aver-age earn-ings per hour work-ed.	Employees whose earnings per hour worked were—												
			Employees whose average hours worked per week day for the pay-roll period were—											Employees whose earnings per hour worked were—												
			Un-der 4.	4 and 5.	5 and 6.	6 and 7.	7 and 8.	8 and 9.	9 and 10.	10 and 11.	11 and 12.	12 and over.		Un-der 20 cts.	20 and 25 cts.	25 and 30 cts.	30 and 35 cts.	35 and 40 cts.	40 and 45 cts.	45 and 50 cts.	50 and 60 cts.	60 and 70 cts.	70 and 80 cts.	80 and 90 cts.	90 cts. and over.	

BUFFERS.

Massachusetts.....	2	4	6.2	1	1	1	1	2	2					\$0.616							1	1	1	1	1	
Other States.....	1	3	7.8					1	2					.575					1		1				1	
Total.....	3	7	6.9	1	1	1	1	4						.598					1	1	2	1		2		

FLESHERS AND UNHAIRERS.

Massachusetts.....	2	9	6.9	1	1	1	2	5						\$0.675									4		3	2
New Jersey.....	2	34	7.7	1	8	1	1	2	11	2	9			.540									33	1		
Pennsylvania.....	4	54	8.4						53					.618									29	25		
Other States.....	2	27	6.1	4	8	1	1		13					.457			6	6	8		6	1				
Total.....	10	124	7.6	6	16	3	2	4	82	2	9			.566			6	6	8	8	72	27	3	2		

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Concluded.

Locality.	Num-ber of estab-lish-ments	Aver-age hours work-ed per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earn-ings per hour work-ed.	Employees whose earnings per hour worked were—											
			Un-der 4.													20 cts.	25 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	and over.
			4.	5.	6.	7.	8.	9.	10.	11.	12.	12.	12.	12.													
GLAZERS.																											
Delaware.....	2	32	6.3	23	2	2	2	7	2	3	12	1	\$0.750	1	1	1	1	1	1	5	8	11	9	2	2		
Massachusetts.....	2	17	7.4	1	1	1	1	1	1	1	1	1	.605	1	1	1	1	1	1	1	1	1	1	1	1		
New Jersey.....	2	50	8.3	1	1	1	1	1	1	1	1	1	.768	1	1	1	1	1	1	1	1	1	1	1	1		
Pennsylvania.....	4	172	8.1	2	4	8	7	151	20	20	20	20	.808	1	1	1	1	1	1	1	1	1	1	1	1		
Total.....	10	271	7.9	2	2	27	11	15	194	20	20	20	.781	1	1	1	1	1	1	6	52	87	86	35	2		
LABORERS, ALL DEPARTMENTS.																											
Delaware.....	2	77	7.8	5	2	4	2	54	9	1	1	1	\$0.521	1	1	1	1	1	1	26	24	1	2	3	3		
Massachusetts.....	3	189	7.7	8	4	6	7	156	2	5	1	1	.453	5	4	15	20	29	113	1	2	1	2	2	2		
New Jersey.....	2	143	7.4	13	4	17	16	55	23	6	5	5	.472	2	2	15	4	18	42	57	3	3	2	2	2		
Pennsylvania.....	4	306	8.1	3	5	1	4	18	270	5	5	5	.566	1	3	10	23	22	192	20	8	27	27	2	2		
Other States.....	1	36	8.0	1	1	1	1	35	1	1	1	1	.458	1	1	1	1	1	1	4	25	7	7	7	7		
Total.....	12	751	7.9	29	9	11	31	44	570	39	12	6	.517	8	23	35	81	119	385	48	10	32	32	32	32		
PUTTERS-OUT, MACHINE.																											
Delaware.....	2	53	5.9	3	3	10	2	7	26	2	2	2	\$0.407	1	4	18	17	11	1	1	1	1	1	1	1		
Massachusetts.....	3	19	7.7	1	1	1	1	2	14	1	1	1	.538	1	1	1	1	1	1	1	1	1	1	1	1		
New Jersey.....	2	16	6.7	2	1	1	1	10	4	1	1	1	.625	1	1	1	1	1	1	1	1	1	1	1	1		
Pennsylvania.....	3	32	8.2	1	1	1	1	31	31	31	31	31	.451	2	2	3	10	9	8	8	8	8	8	8	8		
Total.....	10	123	7.5	6	4	12	4	19	75	3	3	3	.472	1	7	21	28	26	26	3	9	2	2	2	2		

SEASONERS.

	2	12	4.6	4	3	1	3	1	\$0.778			1				1	6	1	2	1
Massachusetts.....	2	27	8.2				27		.639											
Pennsylvania.....	2	20	7.4				14		.378											
Other States.....																				
Total.....	6	59	7.2	4	3	2	1	7	.633			4	5	6	1	7	22	4	6	1

SHAYVERS.

[illegible]

STAKERS, HAND AND KNEE.

[illegible]

STAKERS, MACHINE.

[illegible]

TRIMMERS.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES.

Locality.	Num-ber of estab-lish-ments	Employees whose average hours worked per week day for the pay-roll period were—										Employees whose earnings per hour worked were—																																
		Average hours worked per week day.		Average earnings per hour worked.								Average earnings per hour worked.					Average earnings per hour worked.																											
		Un-der 4.	4 and over.	4	5	6	7	8	9	10	11	12	Un-der 20 cts.	20 and over.	20 cts.	25 cts.	25 and over.	25 cts.	30 cts.	30 and over.	30 cts.	35 cts.	35 and over.	35 cts.	40 cts.	40 and over.	40 cts.	45 cts.	45 and over.	45 cts.	50 cts.	50 and over.	50 cts.	60 cts.	60 and over.	60 cts.	70 cts.	70 and over.	70 cts.	80 cts.	80 and over.	80 cts.	90 cts.	90 and over.

GLAZERS.

Delaware.....	2	108	5.6	4	14	82	—	1	7	—	—	—	—	15	—	9	15	28	16	11	—	2	12	—	—	—
New Jersey.....	2	12	6.8	1	—	—	—	6	—	—	—	—	—	—	—	—	—	6	2	3	—	1	—	—	—	—
Other States.....	2	9	8.0	—	—	—	—	—	9	—	—	—	—	—	—	—	2	—	—	—	—	7	—	—	—	—
Total.....		6	5.8	5	14	82	5	7	16	—	—	—	—	15	—	9	17	34	18	14	10	12	—	—	—	—

IRONERS.

Delaware.....	2	10	3.8	8	1	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Massachusetts.....	2	18	7.4	—	1	2	—	—	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
New Jersey.....	2	2	7.5	1	1	3	13	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other States.....	1	8	8.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Total.....	7	44	6.7	9	2	1	5	27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

LABORERS, ALL DEPARTMENTS.

Delaware.....	2	12	6.0	3	—	—	1	—	8	—	—	—	—	—	—	30,383	—	3	2	7	—	—	—	—	—	—
New Jersey.....	3	55	6.7	7	3	1	7	16	20	1	—	—	—	—	32	3	18	2	—	—	—	—	—	—	—	
Pennsylvania.....	3	31	8.4	—	—	—	—	2	39	—	—	—	—	—	1	1	18	15	1	—	—	—	—	—	—	
Other States.....	2	50	7.9	1	—	—	3	46	—	—	—	—	—	—	1	5	29	14	1	—	—	—	—	—	—	
Total.....	10	148	7.4	11	3	1	11	18	103	1	—	—	—	—	34	24	64	24	1	—	—	—	—	—	—	

PUTTERS-OUT, MACHINE.

New Jersey.....	2	21	6.7	2	5	1	2	7	4	30,336	1	18	2						
Other States.....	1	8	8.0					4	4	.324	1	4	3						
Total.....	3	29	7.0	2	5	1	2	4	11	.333	2	22	3	2					

SEASONERS.

Delaware.....	2	104	5.5	21	16	26	9	7	25	\$0,287	9	53	16	8	12	6			
New Jersey.....	2	94	7.1	6	2	8	14	12	52	.319				91	3				
Pennsylvania.....	2	24	7.6	3				1	20	.302			2	22					
Other States.....	1	21	7.8			1	1		19	.269			20	1					
Total.....	7	243	6.5	30	18	35	24	20	116	.284	9	53	38	122	15	6			

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

LEATHER: SOLE.

MALES.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Num-ber of employ-ees	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Employees whose earnings per hour worked were—																
				Un-der 4. 4. 5. 5. 6. 6. 7. 7. 8. 8. 9. 10. 11. 12. 12. 12.												Un-der 20 cts. 20 cts. 25 cts. 30 cts. 35 cts. 40 cts. 45 cts. 50 cts. 60 cts. 70 cts. 80 cts. 90 cts. and over.																
				4	5	6	7	8	9	10	11	12	12	12	12	20	25	30	35	40	45	50	60	70	80	90	cts.	cts.	cts.	\$1.		
BARK GRINDERS.																																
One week:																																
New York.....	2	4	6.8	1	1				1	1									1	3												
Pennsylvania.....	2	4	8.1						4									1				3										
Wisconsin.....	3	13	8.4				2	1	5	5									2	1	8	1	1									
Other States.....	1	3	9.1						1	2												2										
Total.....	8	24	8.2	1	1		2	1	11	8								1	3	4	8	2	5	1								
Two weeks:																																
Michigan.....	5	20	9.1	1					4	3	7		3					1	7	12												
Pennsylvania.....	3	9	6.3	2			2		4												3	4	1						1			
Other States.....	1	1	10.0							1									1													
Total.....	9	30	8.6	3			3	2	8	3	8		3					1	8	12	3	4	1					1				
Grand total.....	17	54	8.4	4	1		5	3	19	11	8		3					2	11	16	11	6	6	1				1				
BEAM HANDS.																																
One week:																																
New York.....	2	7	9.0						3	2											3	3	1									
Pennsylvania.....	3	28	8.2																													
Wisconsin.....	4	29	7.5	1			6	10	10	2											1	1	8						7			
Total.....	9	62	8.0	1			6	13	35	6	2										5	6	5	22	13	7						

[illegible]

SETTERS-OUT.

[illegible]**FEMALES.**

LABORERS, ALL DEPARTMENTS.

One week:															
All States	2	49	7.7	4	2	5	36	2	\$0.872	12	2	5	29	1	
Two weeks:															
All States	2	12	7.3		7		5		.389			4	1	7	
Total.....	4	61	7.0	4	9	5	41	2	.875	12	0	6	26	1	

West Virginia.....	3	92	6.3	24	12	3	6	12	10	13	11	1	445	92		
Wisconsin.....	4	43	7.4	6	3	6	2	6	5	3	15	2	.327			
Other States.....	6	58	6.4	23	8	3	9	12	14	5	12	1	.268	1	27	
Total.....	32	573	6.2	150	46	52	52	57	69	65	73	6	3	351	29	146
Grand total.....	53	874	6.5	193	72	90	87	81	108	84	145	10	4	628	59	162

ENGINEERS.

One week:																
Georgia.....	2	11	9.6			1			1	1	8		30	340	2	3
Louisiana.....	2	21	10.9						1	1	8	12		.816	10	6
North Carolina.....	2	4	6.3	1					3	3				.832	3	2
South Carolina.....	2	18	8.8	2			2		2	1	12			.834	3	2
Virginia.....	4	5	9.2					1	3	1			1	.832	2	3
Other States.....	1	6	11.3									2	3	.346	5	1
Total.....	13	65	9.7	3		1	2	1	10	2	28	14	4	.403	12	13
Two weeks and one-half month:																
Arkansas.....	2	3	8.9	1							1		1	.601	1	2
California.....	2	28	7.0	1	2	1	3	16	4	1	1			.579	2	22
Georgia.....	2	6	7.8	2					2	2	1	1		.288	1	1
Louisiana.....	3	11	9.8				2		2	4	3	2		.418	1	3
Mississippi.....	4	13	9.8				1	3		2	4	1	2	.488	1	4
Other States.....	1	1	10.0								1			.423	1	1
Total.....	14	62	8.3	4	2	1	4	21	4	9	10	4	3	.497	4	37
One month:																
California.....	6	43	8.3	4			1	2	5	7	15	9		.556	8	26
Florida.....	2	7	6.4	2				2	1	1	1	1		.430	1	1
Idaho.....	3	30	4.6	13	6	1	1	4	4	10	2			.617	7	23
Montana.....	3	17	8.7	1		3			7	5	1			.648	8	4
Oregon.....	3	28	7.5	6	3	3		3	7	6	1			.712	1	7
Texas.....	2	8	7.5			2	2	2			1	1		.434	1	5
Washington.....	3	84	6.4	22	3	4	1	14	32	4	3		1	.720	2	34
West Virginia.....	3	6	7.0	1		2			2	2	3			.614	1	2
Wisconsin.....	3	3	10.4								3			.410	2	4
Other States.....	5	14	10.7							3	3	8		.428	2	11
Total.....	38	240	7.0	49	12	14	6	30	54	41	24	9	1	.630	4	27
Grand total.....	65	367	7.7	56	14	16	12	52	68	52	62	27	8	.567	5	49

**AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.**

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Num-ber of em-ploy-ees.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—										Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—												
				Un-der 4.	4 and 5.	5 and 6.	6 and 7.	7 and 8.	8 and 9.	9 and 10.	10 and 11.	11 and 12.	12 and over.		Un-der 14 cts.	14 and 16 cts.	16 and 18 cts.	18 and 20 cts.	20 and 25 cts.	25 and 30 cts.	30 and 35 cts.	35 and 40 cts.	40 and 50 cts.	50 and 60 cts.	60 and 70 cts.	70 and 80 cts.	80 and over.
One week:																											
Louisiana.....	2	4	10.4								3	1		\$0.481									8	1			
South Carolina.....	2	9	8.2	1			3			5				.330					2	1		2					
Virginia.....	3	2	7.6				1	2				1		.385								1					
Other States.....	2	2	9.5											.432								1					
Total.....	9	18	8.7	1			4	3		8	2			.389					2	1	7	6	2				
Two weeks and one-half month:																											
California.....	2	4	8.2					1	3					.643											4		
Mississippi.....	2	2	6.8	1						1				.395								1	1				
Other States.....	2	2	7.6				1							.415													
Total.....	6	8	7.7	1			1	1	3	1	1			.524								2	2		4		
One month:																											
California.....	4	7	9.5				1			7				.551										7			
Florida.....	3	5	6.9	1						1				.260													
Idaho.....	2	7	5.0	3	1		1	1						.670				3					7				
Michigan.....	5	5	10.0											.832													
Minnesota.....	3	3	8							2				.833													
Montana.....	3	3	4.6	3				1	2					.627					1					3	3	1	1
Oregon.....	2	3	6	1	2									.767													
Washington.....	6	6	6.1	5	1	3		5	1	1				.725											3	14	1
West Virginia.....	5	17	6.0	1							4			.688									1	2			
Wisconsin.....	3	2	9.3							1				.860													

FILERS OR SAW FITTERS.

Other States.....	5	10	7.7	1	.....	3	4	1	1	.....	450	.....	.....	.....	1	2	.....	1	5	1	.....
Total.....	37	74	7.2	14	4	3	4	10	9	15	13	2	.....	.....	8	3	5	2	24	9	20
Grand total.....	52	100	7.5	16	4	3	9	11	15	16	22	4	.....	.....	8	4	9	14	10	26	13

HOOKERS.

One week:																					
Louisiana.....	2	32	9.3	.....	1	.....	2	.....	12	.....	18	1	.....	30	388	.....	.....	.....	6	12	14
North Carolina.....	2	12	4.5	0	.....	.....	2	.....	2	.....	.....	.....	.....	326	.....	.....	.....	.....	3	6	.....
South Carolina.....	2	24	8.5	1	.....	.....	2	.....	2	.....	12	1	.....	305	.....	.....	.....	.....	2	16	2
Virginia.....	4	20	6.6	2	3	1	2	2	10	.....	.....	.....	.....	312	.....	.....	.....	.....	2	8	4
Other States.....	2	26	8.2	4	2	2	4	.....	8	.....	9	.....	.....	265	.....	.....	.....	.....	6	20	.....
Total.....	12	114	7.9	13	3	7	10	5	26	2	39	2	4	326	.....	.....	.....	.....	2	10	21
Two weeks and one-half month:																					
Arkansas.....	3	12	6.2	4	.....	.....	1	2	2	.....	1	1	.....	313	.....	.....	.....	.....	.....	.....	.....
Georgia.....	2	9	5.2	4	.....	.....	.....	1	1	.....	.....	.....	.....	217	.....	.....	.....	.....	.....	.....	.....
Louisiana.....	2	18	6.4	6	.....	.....	3	.....	5	1	3	.....	.....	340	.....	.....	.....	.....	7	.....	.....
Mississippi.....	2	14	4.6	9	1	.....	.....	.....	.....	.....	.....	.....	.....	275	.....	.....	.....	.....	5	10	2
Other States.....	2	23	5.8	5	3	3	2	2	6	1	.....	.....	.....	407	.....	.....	.....	.....	12	2	.....
Total.....	11	75	5.7	28	4	3	7	6	13	6	5	1	2	328	.....	.....	.....	.....	1	6	14
One month:																					
California.....	6	68	6.1	17	5	3	8	10	15	9	1	.....	.....	546	.....	.....	.....	.....	.....	.....	.....
Florida.....	3	12	7.5	25	.....	.....	2	2	1	2	3	.....	.....	269	.....	.....	.....	.....	6	3	2
Idaho.....	3	57	3.6	35	12	6	.....	.....	.....	.....	.....	.....	.....	506	.....	.....	.....	.....	.....	.....	.....
Minnesota.....	3	69	6.7	21	4	4	2	8	2	5	26	.....	.....	375	.....	.....	.....	.....	.....	.....	.....
Montana.....	3	34	6.2	10	1	3	4	2	7	.....	.....	.....	.....	523	.....	.....	.....	.....	32	.....	.....
Oregon.....	3	51	4.9	18	11	4	4	2	6	9	1	.....	.....	689	.....	.....	.....	.....	.....	.....	.....
Texas.....	2	18	2.5	14	1	1	2	.....	.....	.....	.....	.....	.....	375	.....	.....	.....	.....	.....	.....	.....
West Virginia.....	4	34	7.7	6	2	3	.....	3	7	3	8	3	.....	509	.....	.....	.....	.....	11	7	.....
Washington.....	8	202	4.2	106	13	9	15	47	12	1	.....	.....	.....	685	.....	.....	.....	.....	2	15	.....
Wisconsin.....	3	25	7.5	6	3	2	.....	.....	.....	.....	13	.....	.....	317	.....	.....	.....	.....	2	16	.....
Other States.....	5	26	5.7	10	.....	5	2	.....	4	5	.....	.....	.....	392	.....	.....	.....	.....	7	3	.....
Total.....	43	596	5.2	245	47	40	37	82	57	34	51	3	.....	597	.....	.....	.....	.....	13	11	.....
Grand total.....	66	785	5.7	286	54	50	54	93	99	42	95	6	6	480	.....	.....	.....	.....	22	48	.....

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
 OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued

MALES—Continued.[illegible]

LOADER MEN—Concluded.

[illegible]

LOG SCALERS.

One week:	2	5	9.5	1	4	30.465	5
Louisiana.....				1			
Virginia.....	4	10	8.9	1	6	1	1
Other States.....	4					2	6
Total.....	10	19	48.8	3	10	306	7

TABLE 1.—AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver- age hours worked per week day.	Employees whose average hours worked per week pay for the pay-roll period were—												Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—											
			Un-der 4.	4	5.	6	7	8	9	10	11	12	Un-der 14 cts.	14		16	18	20	25	30	35	40	50	60	70	80	
				and der 4.	and der 5.	and der 6.	and der 7.	and der 8.	and der 9.	and der 10.	and der 11.	and der 12.		and der 14 cts.		and der 16 cts.	and der 18 cts.	and der 20 cts.	and der 25 cts.	and der 30 cts.	and der 35 cts.	and der 40 cts.	and der 50 cts.	and der 60 cts.	and der 70 cts.	and der 80 cts.	over.

SAWYERS, GANG.

One week:																												
Alabama.....	3	3	9.8						1		1	1	1	\$0.357								1	1					
Florida.....	2	3	10.6					1				1	1	.387								2		1	1			1
Louisiana.....	2	3	9.2						2		1			.753														
Mississippi.....	2	2	8.0					1						.472								1		1				
Other States.....	5	7	8.6	1					1	1	4			.423								1	2	1				
Total.....	14	18	9.2	1				2	5	1	6	2	1	.466								4	3	5	4	1		1
Two weeks and one-half month:																												
Georgia.....	2	2	11.0								1	1		.324						1		1						
Minnesota.....	2	2	10.3								2			.568										1	1	4	1	
Oregon.....	3	5	6.8	1				1	3					.674														
Wisconsin.....	2	2	8.6						1		1			.425								1	1					
Other States.....	3	4	6.5	1			1	1						.690											2	1		
Total.....	12	15	8.0	2			1	3	3		5	1		.557						1		3	1	1	7	2		
One month:																												
Alabama.....	2	3	6.6	1							1			.507										1	2			
Florida.....	2	2	8.5					1						.393						1					1	3	4	
Other States.....	3	7	3.8	4					2	1				.626														
Total.....	7	12	5.3	5				1	2	3				.557						1					1	6	4	
Grand total.....	23	43	7.2	8			2	6	10	4	11	3	1	.821						2	4	6	7	11	12	2	1	

[illegible]

TRIMMER OPERATORS.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.
MALES—Concluded.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Num-ber of em-ploy-ees.	Employees whose average hours worked per week day for the pay-roll period were—												Average earnings per hour worked.	Employees whose earnings per hour worked were—												
			Un-der 4.	4	5	6	7	8	9	10	11	12	Un-der 14 cts.	14		16	18	20	25	30	35	40	50	60	70	80	90	and over.
TRIMMER OPERATORS—Concluded.																												
Two weeks and one-half month:																												
Arkansas.....	5	6	9.0						2	3	1			\$0.308					1	4	1							
California.....	2	5	10.0					1	1	2	1			.429								5						
Georgia.....	3	4	6.9				1							.176	1	1	2											
Michigan.....	5	8	8.3		2					4	1			.351							5	2	1					
Minnesota.....	2	8	9.3						1	3	3			.454														
Mississippi.....	3	3	8.0											.315					1	2								
Oregon.....	4	7	7.7			1	1	2	5					.653									2	3				2
Pennsylvania.....	4	12	9.6			2			1	4	2			.413							1	11						
Texas.....	3	6	7.6		1				1	1	2			.372							1	4	1			5		1
Washington.....	2	7	7.9					5	1					.650														
Wisconsin.....	5	10	9.9						1	2	7			.378							2	5	3					
Other States.....	4	6	6.8		1	1			2	1				.427							2	1		3				
Total.....	42	82	8.6	3	2	5	5	10	15	12	23	5	2	.423	1	1	2		2	16	14	29	6	8	2		1	
One month:																												
Alabama.....	2	4	8.7					1	2		1			.325														
California.....	5	13	8.0			1	1	3	4	1	4			.438						3	1		3					
Florida.....	3	5	6.6	1										.266				2	2									
Idaho.....	2	8	7.9					8						.514														
Montana.....	3	5	8.0				1		3	1				.507														
Oregon.....	2	8	8.9			2								.643														
Pennsylvania.....	3	3	8.5					2	4					.389														
Texas.....	2	5	8.8				2							.330														
Washington.....	7	12	7.9			1			1					.644														
West Virginia.....	8	11	9.6						2	4	3	1		.432														
Other States.....	6	24	7.8						2	5	8	3	1	.378														
Total.....	43	100	7.8	10	2	2	6	25	24	17	12	1	1	.457				2	3	12	16	32	23	10	2			
Grand total.....	139	273	8.6	14	4	8	14	38	52	50	78	10	5	.405	1	1	2	7	20	65	46	70	29	18	4		1	

MACHINERY.

MALES.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were--										Average hours worked per hour worked.	Employees whose earnings per hour worked were--													
			4	5	6	7	8	9	10	11	12	Un-der 30 cts.		30 der cts.	35 der cts.	40 der cts.	45 der cts.	50 der cts.	55 der cts.	60 der cts.	65 der cts.	70 der cts.	75 der cts.	80 der cts.	90 der cts.	95 der cts.	\$1.00 and over.
			Un-der 4.	Un-der 5.	Un-der 6.	Un-der 7.	Un-der 8.	Un-der 9.	Un-der 10.	Un-der 11.	Un-der 12.																

ASSEMBLERS.

One week:																									
California.....	2	37	8.1	.....	.....	.....	6	29	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois.....	2	14	8.1	.....	.....	.....	.....	.....	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa.....	2	7	9.1	.....	.....	.....	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts.....	2	48	7.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri.....	6	63	8.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York.....	5	29	7.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other States.....	9	53	8.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	28	254	8.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Two weeks and one-half month:																									
California.....	3	58	7.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois.....	2	76	8.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington.....	2	19	8.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other States.....	5	71	7.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	12	224	8.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand total.....	40	478	8.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Aver-age hours worked per week	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			day for the pay-roll period were—													Un-der 30 cts.	30 der cts.	35 der cts.	40 der cts.	45 der cts.	50 der cts.	55 der cts.	60 der cts.	65 der cts.	70 der cts.	80 der cts.	90 der cts.	\$1 and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
			Un-der 4.	4.	5.	6.	7.	8.	9.	10.	11.	12.	11 and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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BORING MILL MEN.

Wisconsin.....	3	18	9.3	1	5	4	1	1	576	1	5	3	3	1	2	2	1	1
Other States.....	17	96	8.4	2	4	5	6	10	29	16	11	6	1	824	8	10	11	12
Total.....	121	164	8.4	3	8	5	7	22	64	28	18	7	2	741	19	25	18	19
Grand total.....	169	440	8.4	10	11	14	18	52	178	99	29	14	5	668	47	37	54	21

CHIPPERS.

One week:	11	28	7.6	1	3	7	1	9	4	2	1	30,429	14	4	5	2	1	1
All States.....																		
Two weeks and one-half month:	5	54	8.6	1	3	7	13	9	8	9	4	507	21	15	8	5	2	1
All States.....																		
Total.....	16	82	8.1	1	1	6	14	14	18	12	11	5	480	14	26	20	10	6

CRANE OPERATORS.

One week:	2	5	11.1	1	3	1	1	30,525	1	2	1	2	1	2	1	1	1	1
Alabama and Georgia.....	2	3	8.7	1	2	1	1	677	1	1	1	1	1	1	1	1	1	1
California.....	3	12	7.8	1	3	8	1	549	2	1	4	5	7	1	1	1	1	1
Delaware and Maryland.....	3	7	11.6	1	2	1	1	442	2	1	4	1	1	1	1	1	1	1
Indiana.....	3	5	8.6	1	2	1	1	440	1	3	2	1	2	1	1	1	1	1
Illinois.....	2	5	8.7	1	2	1	1	486	1	1	5	6	1	2	3	1	1	1
New Jersey.....	6	17	7.8	1	2	3	6	516	3	3	2	3	2	6	14	8	3	2
New York.....	2	10	9.6	1	1	1	2	577	2	3	3	2	3	1	4	2	1	1
Pennsylvania.....	8	47	8.5	1	1	1	3	574	2	3	3	2	3	6	14	8	3	2
Other States.....																		
Total.....	31	111	8.8	1	2	6	8	57	10	15	4	8	545	2	6	14	16	16
Two weeks and one-half month:																		
California.....	2	6	9.1	1	2	2	1	506	1	1	1	3	2	1	1	1	1	1
Colorado.....	2	2	7.9	1	1	1	1	425	1	1	1	2	2	1	1	1	1	1
Illinois.....	3	9	9.9	1	4	4	4	500	1	4	4	1	2	2	1	1	1	1
Michigan.....	2	2	9.9	1	1	1	1	529	1	1	1	1	1	1	1	1	1	1
Minnesota.....	2	9	8.8	1	6	1	1	457	1	6	1	1	1	1	1	1	1	1
Ohio.....	14	8.0	2	1	1	1	1	525	1	4	4	7	2	1	1	1	1	1
Pennsylvania.....	13	66	9.5	1	1	4	4	551	11	10	11	7	3	13	6	11	9	16
Wisconsin.....	3	12	9.9	1	1	1	1	410	2	4	2	2	2	2	2	2	2	2
Other States.....	3	11	10.8	1	1	1	1	560	3	3	3	8	2	4	3	2	2	2
Total.....	122	132	9.4	3	1	1	4	523	23	17	11	19	523	6	26	22	28	19
Grand total.....	153	243	9.1	4	3	1	10	563	43	38	21	19	563	2	12	40	38	44

Includes 1 establishment with monthly pay roll.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												A ver- age earnings per week ed.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			Un-der 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to 12.	Un-der 30 cts.	30 to 35 cts.	35 to 40 cts.		40 to 45 cts.	45 to 50 cts.	50 to 55 cts.	55 to 60 cts.	60 to 65 cts.	65 to 70 cts.	70 to 80 cts.	80 to 90 cts.	90 cts. and un-der \$1.25																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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DIESINKERS AND TOOLMAKERS.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—											
			Un- and un-der 4, 5, 6, 7, 8, 9, 10, 11, 12.													Un- and un-der 30 cts. cts. cts. cts. cts. cts. cts. cts. cts. cts. cts. cts.											
			4	5	6	7	8	9	10	11	12	over.	Un- and un-der 30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	55 cts.	60 cts.	65 cts.	70 cts.	75 cts.	80 cts.	85 cts.	90 cts.	\$1. and over.	\$1.25 and over.
One week:																											
Connecticut.....	2	45	8.3	2	1	1	4	17	4	14	20				7	37	44	32	14	13	5	7					
Indiana.....	5	149	9.3	3	2	5	14	28	19	14	20				4	2	13	21	23	11	3	3					2
Illinois.....	7	81	8.5	1	1	1	5	38	31	7	1				4	9	5	4	1								
Iowa.....	3	19	10.1																								
Kentucky and West Virginia.....	4	48	9.1	2	2	1	3	15	2	18	3	2			1	1	2	13	6	8	7	5	5				
Maine, New Hampshire, Vermont.....	3	20	7.2		1	9	2	7								2	8	9		1							
Massachusetts.....	2	44	7.8	1		2	18	17	6							3	20	2	2	4	5						
Missouri.....	7	12	8.0		1	2	4	5	6	2						2	5	5	3								
New Jersey.....	2	14	7.6		1	1	3	9																			
New York.....	9	431	7.8	11	5	8	41	272	40	4	3				1	1	14	22	36	32	267	53	4				
Pennsylvania.....	3	65	9.5	1	1	1	9	10	12	14	5				1	1	4	12	18	8	19	2					
Rhode Island.....	2	13	8.9		1	1	1	5	1						5	6	4	2	1	1	2						
Other States.....	5	76	7.8	4	1		13	44	1	9							7		16	11	19	20					
Total.....	54	1,077	8.3	25	15	30	62	121	518	163	36	29			8	15	62	116	107	119	77	376	85	4	3	2	
Two weeks and one-half months:																											
California.....	2	4	9.2					1	2	1																	
Colorado.....	2	14	7.5				8	1																			
Illinois.....	3	53	8.6	3	1	2	1	10	2	3	4							2	1	2	6	1					
Michigan.....	2	3	10.0													16	7	5	7	1	2	5	6	2	1	2	
Minnesota.....	2	70	8.0	2	1		5	9	2	2								7	14	11	11	18	11	1	1	2	

FITTERS.

Pennsylvania.....	12	202	8.3	12	9	10	8	29	46	40	35	10	3	.614	4	22	47	33	38	20	13	17	5			
Wisconsin.....	4	57	8.7	3	3	1	3	14	12	18	3564	2	4	18	15	14	3	1				
Other States.....	5	45	9.0	1	8	7	20	5	4781	1	3	6	5	7	3	16	4		
Total.....	122	448	8.4	22	13	11	16	58	132	106	66	17	7	.626	22	34	82	76	75	58	40	46	11	4	
(Grand total.....)	176	1525	8.4	47	28	41	78	179	650	269	144	53	36	.623	3	15	84	150	189	184	135	416	131	15	7	2

FITTERS, SECOND CLASS.

One week:																													
Indiana.....	5	24	8.3	2	1	.....	1	3	8	3	3	2	2	1	30.357	1	2	9	11	14	1	.....	.....	.....	.....
Illinois.....	5	41	8.8	.....	1	.....	2	2	9	21	3	3	2	.....	.441	.....	3	6	14	1	1	.....	.....	.....	.....
Iowa.....	2	20	9.3	.....	1	.....	1	1	2	12	3	1	.....	.....	.406	.....	3	6	4	6	.....	1	.....	.....	.....	
Kentucky and West Virginia.....	3	13	8.4	.....	.....	.....	1	2	1	4	2	2	1	.....	.461	.....	.....	1	5	3	4	.....	.....	.....	.....
Maine, New Hampshire, Vermont.....	2	34	8.3	1	.....	.....	1	2	3	5	22	.....	.....	.....	.407	.....	.....	10	16	1	1	.....	.....	.....	.....
Massachusetts.....	2	20	7.6	2	.....	.....	1	7	3	7	.....	.....	.....	.....	.413	.....	.....	5	12	2	.....	.....	.....	.....	.....
Missouri.....	7	28	8.4	1	.....	.....	2	1	6	18	.....	.....	.....	.....	.458	.....	1	3	11	7	3	.....	.....	.....	.....
New Jersey.....	2	3	8.5	.....	.....	.....	.....	.....	2	1	.....	.....	.....	.....	.534	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
New York.....	4	39	7.4	1	.....	.....	1	2	7	5	21	.....	.....	.....	.573	.....	.....	7	7	8	14	3	.....	.....	.....	
Rhode Island.....	2	7	9.5	.....	.....	.....	.....	.....	3	3	.....	.....	.....	.....	.434	.....	.....	1	3	3	.....	.....	.....	.....	.....
Other States.....	6	52	7.7	8	1	3	2	1	20	5	8	1	3	.....	.487	.....	2	1	11	12	15	6	4	.....	.....		
Total.....	40	281	8.2	15	4	10	19	23	83	96	19	7	5458	2	11	48	87	56	33	18	19	6	1		
Two weeks and one-half month:																													
Colorado.....	2	7	6.6	1	.....	.....	1	4	1	.....	.....	.....	.....	.....	.474	.....	.....	2	3	3	1	.....	.....	.....	.....
Illinois.....	3	54	8.9	1	.....	.....	2	3	10	35	4	.....	.....	.....	.682	.....	2	3	1	2	5	7	3	.....	.....		
Minnesota.....	2	30	7.5	3	1	4	3	15688	6	7	2	3	4	2	1			
Wisconsin.....	4	96	8.5	2	5	2	4	4	38	27	13	.....	.....	.....	.455	.....	2	12	28	33	8	8	.....	.....	.....	
Other States.....	14	122	8.2	13	7	7	15	21	24	21	11	3529	6	19	28	25	20	11	6	4	3		
Total.....	115	809	8.3	20	13	2	18	28	85	90	38	11	4544	4	21	56	78	42	40	16	7	18	19	2	4	2
Grand total.....	165	590	8.3	35	17	12	37	51	168	186	57	18	9503	2	15	69	143	134	75	58	35	13	19	2	4	2

Includes 1 establishment with monthly pay roll.

**AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.**

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Num-ber of em-ploy-ees.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earn-ings per hour work-ed.	Employees whose earnings per hour worked were—											
				Un-der 4.													Un-der 30 cts.											
				4.	5.	6.	7.	8.	9.	10.	11.	12.	11 and over.	30	35		40	45	50	55	60	65	70	75	80	85	90	95	and over.
One week:																												
Connecticut.....	2	3	8.5	1						1				\$0.572														
Indiana.....	2	3	8.5					3	7	21		1		.579														
Illinois.....	2	34	8.3	2	1	2								.490		1		9	11	8	1	1						
Maine, New Hamp-shire, Vermont.....	2	6	8.0	1						5				.481				3	2		1							
New York.....	4	7	7.5	1				1	5					.719														
Other States.....	6	12	8.9			1	3	2	2	2	1			.549		2	1	1		2	1	1	1	2	1			
Total.....	19	64	8.2	3	3	2	1	4	17	30	2	2		.522		3	4	12	12	12	4	6	2	6	3			
Two weeks and one-half month:																												
California.....	2	2	8.2						2					.589					1						1			
Illinois.....	2	6	9.4							3		1		.626														
Minnesota.....	2	8	8.3					2	2					.517				1	1	4	2	2						
Other States.....	14	22	9.4	1	1	1	1	4	4	4	5	3	9	.678				1	1	1	1	2	3	7	4			
Total.....	110	37	9.1	1	1	1	1	3	9	6	4	2		.681				2	3	5	7	4	4	8	4			
Grand total.....	129	101	8.5	4	4	3	2	7	26	39	8	6	2	.592		3	4	14	15	17	11	10	6	14	7			

GEAR CUTTERS.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
 OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

[illegible]

[illegible]

HARDENERS.

[illegible]

HEATERS.

One week: All States.....	0	18	9.7					3	10	3	1	\$0.485	1	2	1	7	1	3	2	1						
Two weeks and one-half month:																										
All States.....	4	17	9.0					4	6	5	1	1	.668	---	1	---	1	2	3	3	1	3	1	1		
Total.....	10	35	9.4					4	9	15	4	1	2	.579	1	---	3	1	8	3	6	5	2	3	1	1

¹ Includes 1 establishment with monthly pay roll.

**AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.**

MALES—Continued.

Pay-roll period and locality.	Number of establishments.	Number of employees.	Average hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Average earnings per hour worked.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
				Under 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to 12.	Under 30 cts.	30 to 35 cts.	35 to 40 cts.		40 to 45 cts.	45 to 50 cts.	50 to 55 cts.	55 to 60 cts.	60 to 65 cts.	65 to 70 cts.	70 to 80 cts.	80 to 90 cts.	90 cts. and under \$1.	\$1.25 and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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INSPECTORS AND TESTERS.

LABORERS.

One week:		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Alabama and Georgia.....	3	44	75	77	82	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109
California.....	3	44	75	77	82	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109
Connecticut.....	3	44	75	77	82	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109
Delaware and Maryland.....	2	17	76	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108
Indiana.....	3	145	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Illinois.....	3	172	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87
Iowa.....	4	38	84	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Kentucky and West Virginia.....	7	40	86	2	1	2	4	17	15	6	1	1	320	11	36	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maine, New Hampshire, Vermont.....	4	59	86	1	1	2	2	4	20	28	2	2	386	2	5	26	19	6	1	1	1	1	1	1	1	1	1	1	1	1	1
Massachusetts.....	3	126	71	11	1	1	1	5	12	55	83	10	435	2	0	47	49	17	3	1	1	1	1	1	1	1	1	1	1	1	1
Missouri.....	3	127	76	9	1	3	10	8	29	3	3	3	349	2	4	37	49	18	4	1	1	1	1	1	1	1	1	1	1	1	1
New Jersey.....	3	91	67	17	2	3	10	51	138	35	5	3	417	2	4	17	46	18	4	1	1	1	1	1	1	1	1	1	1	1	1
New York.....	12	280	77	17	9	10	16	51	138	35	5	3	417	2	4	17	46	18	4	1	1	1	1	1	1	1	1	1	1	1	1
Oregon.....	3	27	71	1	1	3	1	3	1	3	1	3	330	4	7	32	12	6	4	1	1	1	1	1	1	1	1	1	1	1	1
Pennsylvania.....	3	65	83	3	1	3	1	3	1	3	1	3	330	4	7	32	12	6	4	1	1	1	1	1	1	1	1	1	1	1	1
Rhode Island.....	3	79	70	2	1	1	1	1	1	1	1	1	355	33	32	13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Other States.....	4	46	74	1	1	1	1	1	1	1	1	1	422	4	18	10	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total.....	81	1,480	85	71	36	41	83	206	405	356	105	57	34	401	55	106	498	147	42	43	28	9	5	1	1	1	1	1	1	1	1
Two weeks and one-half month:		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
California.....	3	28	72	8	2	1	1	1	1	1	1	1	403	1	2	2	20	3	1	1	1	1	1	1	1	1	1	1	1	1	1
Colorado.....	3	23	67	3	1	1	1	1	1	1	1	1	392	1	2	5	34	2	2	1	1	1	1	1	1	1	1	1	1	1	1
Illinois.....	3	45	87	1	1	1	1	1	1	1	1	1	414	1	2	5	34	2	2	1	1	1	1	1	1	1	1	1	1	1	1
Michigan.....	3	111	74	7	2	4	1	16	68	8	1	1	445	1	1	3	84	18	2	1	1	1	1	1	1	1	1	1	1	1	1
Minnesota.....	3	111	74	7	2	4	1	16	68	8	1	1	445	1	1	3	84	18	2	1	1	1	1	1	1	1	1	1	1	1	1
Oregon.....	3	111	74	7	2	4	1	16	68	8	1	1	445	1	1	3	84	18	2	1	1	1	1	1	1	1	1	1	1	1	1
Pennsylvania.....	3	111	74	7	2	4	1	16	68	8	1	1	445	1	1	3	84	18	2	1	1	1	1	1	1	1	1	1	1	1	1
Washington.....	3	207	72	13	5	11	10	45	43	45	1	20	453	1	25	87	60	20	10	3	2	1	1	1	1	1	1	1	1	1	1
Wisconsin.....	3	71	78	3	1	2	2	8	14	23	14	3	310	1	4	48	19	8	1	1	1	1	1	1	1	1	1	1	1	1	1
Other States.....	3	164	84	5	1	4	4	10	31	48	22	20	445	1	4	6	60	74	18	1	1	1	1	1	1	1	1	1	1	1	1
Total.....	131	715	84	46	14	22	21	101	214	164	68	45	20	435	9	15	100	336	174	45	24	8	3	1	1	1	1	1	1	1	1
Grand total.....	1,112	2,204	85	117	50	63	109	307	709	620	173	102	54	412	64	181	598	832	321	87	67	36	12	6	1	1	1	1	1	1	1

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.
MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Num-ber of em-ploy-ees.	Average hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Average earnings per hour worked.	Employees whose earnings per hour worked were—											
				day for the pay-roll period were—																								
				Un-der 4.	4.	5.	6.	7.	8.	9.	10.	11.	12.	12 and over.	Un-der 30 cts.		30 and under 35 cts.	35 and under 40 cts.	40 and under 45 cts.	45 and under 50 cts.	50 and under 55 cts.	55 and under 60 cts.	60 and under 65 cts.	65 and under 70 cts.	70 and under 75 cts.	75 and under 80 cts.	80 and under 85 cts.	85 and under 90 cts.	90 cts. and over.

LAYOUT MEN AND MARKERS.

One week: All States.....	12	28	8.3	.....	.....	.....	2	3	16	5	2	.....	.....	\$0.709	.....	.....	.....	.....	1	4	1	4	14	4	.....	.....	.....
Two weeks and one-half month: All States.....	8	56	8.6	2	1	1	2	4	18	20	6	2	.....	.690	.....	1	.....	1	5	7	12	7	12	4	6	1	.....
Total.....	20	84	8.5	2	1	1	4	7	34	25	8	2	.....	.697	.....	1	.....	1	6	11	13	11	26	8	6	1	.....

MACHINE SETTER.

One week: All States.....	3	3	8.3	.....	.....	.....	.....	1	1	1	.....	.....	.....	\$0.545	.....	.....	.....	.....	2	.....	1	.....	.....	.....	.....	.....	.....
Two weeks and one-half month: All States.....	2	35	9.3	4	.....	.....	3	1	2	9	5	3	8	.667	.....	.....	.....	.....	1	6	5	4	3	10	6	.....	.....
Total.....	5	38	9.2	4	.....	.....	3	2	3	10	5	3	8	.657	.....	.....	.....	.....	1	8	5	5	3	10	6	.....	.....

MACHINISTS.

[illegible]

! Includes 1 establishment with monthly pay roll.

MILLWRIGHTS.

[illegible]

PATTERN MAKERS, WOOD AND METAL.

One week:	16	45	7.3	2	1	11	21	6	1	1	---	\$0.713	---	---	---	1	1	3	4	2	11	6	16	1	---
All States:																									
Two weeks and one-half month:																									
All States:	5	17	8.2	4	1	---	1	3	1	4	3	---	.044	---	---	---	2	2	1	2	3	1	6	---	---
Total:	21	63	7.9	6	3	1	12	24	7	5	4	---	.694	---	---	1	3	5	5	4	14	7	23	1	---

1 Includes 1 establishment with monthly pay roll

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND NIGHT
OCCUPATION OF EMPLOYEES, PAY-ROLL PERCENTAGE, AND LOCALITY—Continued.

MALES—Continued.

[illegible]

Wisconsin.....	3	34	8.7	.....	2	1	.....	1	18	6	5	.....	1	.497	.....	2	3	5	10
Other States.....	18	86	9.0	.....	3	2	6	7	24	21	8	8	7	.785	.....	.....	.....	2	8
Total.....	122	220	8.4	3	5	3	10	36	63	36	15	11	8	.694	.....	3	3	11	19
Grand total.....	175	531	8.4	10	12	10	24	68	238	92	45	19	13	.653	.....	6	13	28	52

PUNCH-PRESS MEN.

One week:	2	4	8.7	.....	.....	.....	1	.....	.....	3	.....	.....	.....	.....	.....	1	.....	.....	.....
Iowa.....	2	4	8.7	.....	.....	.....	1	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine, New Hamp-	2	3	7.0	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
shire, Vermont.....	2	2	7.0	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oregon.....	6	15	8.5	.....	.....	.....	3	6	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other States.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	12	24	8.2	.....	.....	.....	1	3	4	7	8	1	.....	.....	.....	.....	.....	.....	.....
Two weeks and one-half month:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois.....	2	3	9.4	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....
Minnesota.....	2	2	7.1	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other States.....	17	24	8.3	.....	.....	.....	2	1	.....	1	9	11	.....	.....	.....	.....	.....	.....	.....
Total.....	111	29	8.4	.....	.....	.....	2	2	.....	1	11	12	1	.....	.....	.....	.....	.....	.....
Grand total.....	123	53	8.3	.....	.....	.....	2	3	3	5	18	20	2	.....	.....	.....	.....	.....	.....

SCRAPER MEN.

One week:	2	12	8.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut.....	2	12	8.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other States.....	8	8	6.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	5	20	7.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Two weeks and one-half month:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
All States.....	1	12	9.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand total.....	6	32	8.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

1 Includes 1 establishment with monthly pay roll.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Concluded.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—											
			Un- and der 4.	4 and der 5.	5 and der 6.	6 and der 7.	7 and der 8.	8 and der 9.	9 and der 10.	10 and der 11.	11 and der 12.	12 and der over.	Un- and der 30 cts.	30 and der 35 cts.		35 and der 40 cts.	40 and der 45 cts.	45 and der 50 cts.	50 and der 55 cts.	55 and der 60 cts.	60 and der 65 cts.	65 and der 70 cts.	70 and der 80 cts.	80 and der 90 cts.	90 and der \$1.	\$1 and over.	
One week:																											
Indiana.....	2	14	8.8																								
Illinois.....	3	14	8.9																								
Maine, New Hamp- shire, Vermont.....	2	10	7.7																								
Massachusetts.....	2	15	7.6																								
Missouri.....	3	6	8.2																								
New York.....	6	15	8.1																								
Rhode Island.....	3	11	8.4																								
Other States.....	7	12	8.4																								
Total.....	28	97	8.3																								
Two weeks and one-half month:																											
California.....	3	10	7.9																								
Illinois.....	2	6	9.3																								
Pennsylvania.....	12	66	8.4																								
Wisconsin.....	3	25	9.2																								
Other States.....	3	8	7.8																								
Total.....	113	115	8.5																								
Grand total.....	141	212	8.4																								

SCREW-MACHINE MEN.

SHEET METAL WORKERS.

[illegible]

WELDERS.

[illegible]

Includes 1 establishment with monthly payroll.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MACHINE TOOLS.

MALES.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver- age hours worked per week day.	Employees whose average hours worked— per week day for the pay-roll period were—												Aver- age earnings per work- ed.	Employees whose earnings per hour worked were—													
			4 5 6 7 8 9 10 11 12													30 35 40 45 50 55 60 65 70 80 90													
			Un-der 4.	Un-der 5.	Un-der 6.	Un-der 7.	Un-der 8.	Un-der 9.	Un-der 10.	Un-der 11.	Un-der 12.	Un-der 30 cts.	Un-der 35 cts.	Un-der 40 cts.		Un-der 45 cts.	Un-der 50 cts.	Un-der 55 cts.	Un-der 60 cts.	Un-der 65 cts.	Un-der 70 cts.	Un-der 80 cts.	Un-der 90 cts.	Un-der \$1.	Un-der \$1.25.	Un-der \$1.50.	Un-der \$1.75.	Un-der \$2.00.	
BLACKSMITHS.																													
One week:																													
Connecticut, Massachusetts, and Rhode Island.....	6	19	7.6	3		1	2	3	10																				
New York, New Jersey, and Pennsylvania.....	4	6	9.1					3	2	1																			
Indiana and Ohio.....	3	3	7.4		1		1																						
Illinois, Michigan, and Wisconsin.....	2	4	9.2						4																				
Total.....	15	32	8.1	3		1	1	3	6	17		1																	
Two weeks:																													
Indiana and Ohio.....	2	4	9.1					1	3																				
Illinois, Michigan, and Wisconsin.....	2	3	10.0						2		1																		
Total.....	4	7	9.5						1	5		1																	
Four weeks:																													
Connecticut, Massachusetts, and Rhode Island.....	3	11	7.7	1			3	5	2																				
New York, New Jersey, and Pennsylvania.....	3	6	9.1		1				4	1																			
Total.....	6	17	8.2	1		1		3	5	6	1																		
Grand total.....	25	56	8.3	4		2	1	6	12	28	1	2																	

BLACKSMITHS' HELPERS.

One week:													
Connecticut, Massachusetts, and Rhode Island.....	3	12	7.9	1	1	1	4	5					
New York, New Jersey, and Pennsylvania.....	4	6	8.9	1	1	2	2	2					
Indiana and Ohio.....	2	2	8.3				1	1					
Total.....	9	20	8.2	1	2	2	5	8	2				
Two weeks:													
Indiana and Ohio.....	2	4	8.8				2	2					
Illinois, Michigan, and Wisconsin.....	1	5	7.7	1		1	1	1	1				
Total.....	3	9	8.2	1			1	2	3	1			
Four weeks:													
Connecticut, Massachusetts, and Rhode Island.....	3	30	8.5	1	1	1	3	18	3	1	2	.561	1
New York, New Jersey, and Pennsylvania.....	2	3	5.9	1			2					.506	
Total.....	5	33	8.3	2	1		1	5	18	3	1	2	1
Grand total.....	17	62	8.3	4	1	2	3	6	25	14	4	1	2

BORING MILL HANDS AND OPERATORS.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Num-ber of employ-ees.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—													
				per week day for the pay-roll period were—													30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	55 cts.	60 cts.	65 cts.	70 cts.	75 cts.	80 cts.	90 cts.	\$1.00 and over.	
				4.5.	5.	6.	7.	8.	9.	10.	11.	12.	Un-der 4.	Un-der 5.																
				Un-der 4.	Un-der 5.	Un-der 6.	Un-der 7.	Un-der 8.	Un-der 9.	Un-der 10.	Un-der 11.	Un-der 12.			Un-der 30 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	55 cts.	60 cts.	65 cts.	70 cts.	75 cts.	80 cts.	90 cts.	\$1.00 and over.		

BOREING MILL HANDS AND OPERATORS—Concluded.

Four weeks:																															
Connecticut, Massachusetts, and Rhode Island.....	2	34	7.9	1	2	....	2	8	13	6	2	....	....	....	....	\$0.543	....	1	....	6	10	12	4	....	....	1	....	....	....	....	....
New York, New Jersey, and Pennsylvania.....	3	16	8.7	....	1	....	2	1	11	....	....	....	....	....	....	.663	....	....	1	....	2	2	4	2	2	1	....	2	....	....	....
Total.....	5	50	8.2	1	3	....	4	9	14	17	2	....	....	....	....	.581	....	....	1	1	6	12	14	8	2	3	1	....	2	....	....
Grand total.....	23	134	8.7	1	5	1	6	16	31	57	14	2	1	....	....	.590	....	4	7	12	26	25	26	10	13	6	2	....	....	....	....

CHIPPERS.

One week:																															
All States.....	6	43	8.9	1	1	4	....	2	4	10	21	....	....	....	....	\$0.395	....	6	18	14	4	1	....	....	....	....	....	....	....	....	....
Two weeks:																															
All States.....	1	27	8.5	3	1	4	....	....	4	3	4	8	....	....	....	.498	....	....	....	7	8	7	5	....	....	....	....	....	....	....	....
Four weeks:																															
All States.....	5	22	8.2	1	1	1	....	3	6	9	....	1	....	....	....	.517	....	....	2	8	....	3	5	2	....	1	....	1	....	....	....
Total.....	12	92	8.6	5	3	9	....	5	14	22	25	9	....	....	....	.454	....	6	20	29	12	11	10	2	....	1	....	1	....	....	....

CRANE OPERATORS.

One week:		Two weeks:		Four weeks:	
Connecticut, Massachusetts, and Rhode Island	New York and New Jersey	Indiana and Ohio	Illinois, Michigan, and Wisconsin	Connecticut, Massachusetts, and Rhode Island	New York, New Jersey, and Pennsylvania
3	5	8.8	1	5	8.8
3	8	8.8	1	5	8.8
3	2	8.4	1	7	8.4
1	1	9.1	1	1	9.1
Total.....		8	16	8.8	8
Two weeks:		Indiana and Ohio		Illinois, Michigan, and Wisconsin	
1	5	8.8	1	5	8.8
2	7	9.0	1	2	9.0
3	12	8.9	1	2	8.9
Total.....		8	24	8.9	8
Four weeks:		Connecticut, Massachusetts, and Rhode Island		New York, New Jersey, and Pennsylvania	
1	1	4.5	1	1	4.5
2	9	9.0	1	5	9.0
3	10	8.6	1	1	8.6
Total.....		14	38	8.8	14
Grand total.....		4		5	9

DRILL PRESS HANDS AND OPERATORS.

One week:																						
Connecticut, Massachusetts, and Rhode Island.....	6	122	9.1	.....	2	3	4	7	13	62	29	2	.....	80.489	.....	14	27	25	26	23	7	.....
New York, New Jersey, and Pennsylvania.....	4	34	8.5	1	1	1	1	2	3	25	.....	.....	.....	564	.....	.....	.....	9	4	10	5	4
Indiana and Ohio.....	3	20	8.9	2	.....	.....	.....	1	2	13	1	1	.....	.381	.....	2	4	9	1	3	.....	1
Illinois, Michigan, and Wisconsin.....	3	14	8.5	1	1	.....	.....	1	.....	2	6	3	.....	.457	.....	1	2	2	5	1	1	.....
Total.....	16	180	8.9	4	4	4	6	10	20	106	33	3	.....	.499	.....	3	5	25	30	42	31	34
Two weeks:																						
Indiana and Ohio.....	2	54	8.1	7	1	.....	1	2	27	7	9	.....	.....	.499	.....	1	5	11	15	8	4	7
Illinois, Michigan, and Wisconsin.....	3	63	9.3	2	1	.....	1	.....	15	25	14	5	.....	.549	.....	.....	1	6	11	13	13	12
Total.....	5	117	8.7	9	2	.....	2	2	42	32	23	5	.....	.526	.....	1	6	17	26	21	17	19

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.[illegible]

DRILL PRESS HANDS AND OPERATORS—Concluded.

[illegible]

ENGINE LATHE HANDS AND OPERATORS.

One week:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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Two weeks:		2	87	8.8	3	4	3	51	13	12	1515	5	7	14	13	19	13	4	6	5	1			
Indiana and Ohio.....																													
Illinois, Michigan, and Wisconsin.....		3	113	8.2	10	4	4	6	3	45	18	20	3569	7	32	14	11	13	7	29			
Total.....		5	200	8.5	10	4	7	10	6	96	31	32	4557	5	7	31	45	33	24	17	13	34	1		
Four weeks:																													
Connecticut, Massachusetts, and Rhode Island.....		3	135	7.9	7	3	5	11	26	54	16	10	3630	1	5	8	30	19	15	16	5	9	10	6	10	1
New York, New Jersey, and Pennsylvania.....		4	77	8.3	4	3	3	4	12	11	91	9696	2	4	5	5	12	10	9	5	10	10	4	1	
Total.....		7	212	8.1	11	6	8	15	38	65	47	19	3628	3	9	13	35	31	25	25	10	19	20	10	11	1
Grand total.....		29	913	8.5	35	18	31	38	74	224	350	112	18	3	.549	35	77	102	181	145	107	69	55	87	29	12	11	3

FITTERS, FIRST CLASS.

One week:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												</
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GEAR CUTTER HANDS AND OPERATORS.

[illegible]

GRINDER HANDS AND OPERATORS.

One week:	0	120	9.1	3	1	4	8	16	52	34	2	90.536	1	8	12	26	22	12	25	7	6	1	
Connecticut, Massachusetts, and Rhode Island																							
New York, New Jersey, and Pennsylvania	4	55	8.4	4	1	2	4	3	39	2				2	1	2	11	18	0	7	3	4	1
Indiana and Ohio	3	9	9.8					2	3	2	2	.445	2	2	2	2	2	1					
Illinois, Michigan, and Wisconsin	2	6	10.0					1	1	4		.409	2	1	1			1				1	
Total	15	190	9.0	7	2	6	12	22	95	42	4	.533	3	4	10	17	39	42	20	32	10	10	3
Two weeks:	2	29	8.8	1		1	1	15	5	0		.549		3	2	5	4	4	6	3	1	1	
Indiana and Ohio	3	78	8.9	3	1	3	6	4	18	23	13	.533		2	15	24	14	12	4	1	3	2	1
Illinois, Michigan, and Wisconsin	5	107	8.9	4	1	3	7	5	33	28	19	.537		5	17	29	18	16	10	4	4	3	1
Total																							

[illegible]

HARDENERS.

	5	63	9.0	1	2	3	55	2	40.578	1	4	3	28	15	10	1
One week:																
All States																
Two States																
All States	5	11	8.1	1	1	3	2	2	.532	1	1	2	2	2	1	
Four weeks:																
All States	2	5	9.4			1	2	2	.905						1	3
Total	12	79	8.9	2	1	3	7	59	4	3	2	6	5	30	17	12

INSPECTORS.

	No.	74	9.4	1	.....	1	3	8	34	23	4	.....	\$0.507	....	1	3	6	21	23	8	9	1	.....
One week:	2	74	9.4	1	.....	1	3	8	34	23	4	.....	\$0.507	....	1	3	6	21	23	8	9	1	.....
Connecticut, Massachusetts,																								
and Rhode Island.....																								
New Jersey, New York, and																								
Pennsylvania.....	4	37	8.8	1	1	.....	2	1	8	23	1	.....	.556	.....		1	4	15	7	3	2	3	2	
Indiana and Ohio.....	2	3	8.7						1	2			.500	.....				1		1				
Illinois, Michigan, and Wisconsin.....	2	3	7.4			1	1		1				.683	.....						1		1	1	
Total.....	10	117	9.1	2	1	1	3	5	17	60	24	4	.516	.....	1	4	13	36	31	13	11	5	3	

[illegible]

MACHINISTS.

[illegible]

MILLWRIGHTS.

One week:														
Connecticut, Massachusetts, and Rhode Island.....	3	7	10.2											
New York, New Jersey, and Pennsylvania.....	4	6	8.7	1										
Total.....	7	13	9.5	1										
Two weeks:														
Indiana and Ohio.....	1	1	8.8											
Illinois, Michigan, and Wisconsin.....	2	6	10.0											
Total.....	3	7	9.8											
Four weeks:														
Connecticut, Massachusetts, and Rhode Island.....	3	45	8.0	7										
New York, New Jersey, and Pennsylvania.....	3	9	9.0		1	1								
Total.....	6	54	8.1	7	1	1	1	5	17	7	6	8	1	
Grand total.....	16	74	8.5	7	2	1	1	5	21	14	12	9	2	

OTHER MACHINE HANDS AND OPERATORS.

One week:																	
6	60	8.6				4	3	9	10	27	6	1					
Connecticut, Massachusetts, and Rhode Island.																	
3	18	9.0															
New York, New Jersey, and Pennsylvania.																	
2	2	6.3	1					3	2	10	3						
Indiana and Ohio.																	
11	80	8.6	1			4	3	12	12	38	9	1					
Total.																	
Two weeks:																	
3	12	5.4	4	3					5								
Illinois, Michigan, and Wisconsin.																	
Four weeks:																	
3	25	7.8	3	1	1	2	1	10	5	1	1						
Connecticut, Massachusetts, and Rhode Island.																	
2	6	6.5	1			2	1	1			1						
New York, New Jersey, and Pennsylvania.																	
5	31	7.5	4	1	3	3	2	10	5	2	1						
Total.																	
19	123	8.0	9	4	7	6	14	27	43	11	2						
Grand total.																	

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.[illegible]

One week: Connecticut, Massachusetts, and Rhode Island. New York, New Jersey, and Pennsylvania. Indiana and Ohio. Illinois, Michigan, and Wisconsin.	6	79	8.5	4	1	3	3	5	16	36	9	2	.30.473																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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SCRAPER HANDS.

[illegible]

[illegible]

SHAPER HANDS AND OPERATORS.

[illegible]

TURRET LATHE HANDS AND OPERATORS.

[illegible]

FEMALES.

DRILL PRESS HANDS AND OPERATORS:

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
 OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES—Concluded.

[illegible]

ENGINE LATHE HANDS AND OPERATORS.

[illegible]

GEAR CUTTER HANDS AND OPERATORS.

One week:	1	7	1	5	1	30,501	1	2	3	1
Connecticut, Massachusetts, and Rhode Island	1	7	7.1	1	5	1				
New York, New Jersey, and Pennsylvania	1	6	7.8	2	4		3	3		
Indiana and Ohio	1	1	8.5		1		230	1		
Total	3	14	7.5	1	2	5	6	1	3	3

[illegible]

LABORERS.

	One week..	Two weeks and one-half month:	Total
California.....	146	70 4	843
Georgia.....	112	70 4	843
Illinois.....	7 112	7 9 3	7 9 3
Iowa.....	127	8 7 8	127
Massachusetts.....	7 3	7 3	7 3
Michigan.....	26	8 1	26
New York.....	13 100	8 2 5	13 100
North Carolina.....	2 12	8 3 1	2 12
Ohio.....	6 78	8 3 1	6 78
Pennsylvania.....	6 47	8 3 1	6 47
Tennessee.....	4 42	8 3 1	4 42
Wisconsin.....	2 67	8 3 1	2 67
Other States.....	1 24	8 8	1 24
Total.....	74	843	843
California.....	2 204	6 9 5	2 204
Illinois.....	2 9	5 8 4	2 9
Michigan.....	5 134	7 8 9	5 134
Minnesota.....	3 27	9 0 1	3 27
Ohio.....	2 5	7 9	2 5
Pennsylvania.....	7 73	8 0 6	7 73
Wisconsin.....	3 193	8 2 13	3 193
Other States.....	2 129	8 1 14	2 129
Total.....	26	774	774
One month: California.....	2 139	7 7 32	2 139
Grand total.....	102	1,756	1,756

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.
MALES—Concluded.

Pay-roll period and locality.	Num-ber of es-tab-lish-ments	Aver-age hours worked per week	Employees whose average hours worked per week day for the pay-roll period were—												Employees whose earnings per hour worked were—											
			Aver-age earnings per hour worked.												Un-der 14 cts.											
			4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
MACHINE HANDS.																										
One week:																										
California.....	11	187	7.1	3	3	3	123	33	67	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia.....	7	94	8.6	2	4	8	59	7	22	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois.....	7	100	7.5	3	3	1	6	18	68	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa.....	5	125	9.1	2	1	1	4	1	9	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan.....	3	12	9.1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts.....	8	408	7.5	1	3	23	72	115	54	8	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York.....	13	224	7.8	1	9	29	115	54	8	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Carolina.....	3	224	8.8	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio.....	6	132	8.2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania.....	7	84	8.7	3	3	5	1	123	5	2	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tennessee.....	4	42	8.8	2	1	1	3	13	46	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin.....	3	88	9.7	.....	2	1	1	23	13	37	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other States.....	1	42	9.1	1	.....	.....	.....	2	38	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	77	1,260	8.1	32	15	23	45	251	434	376	69	10	5	458	11	57	130	184	449	235	139	61	4	.....	.....	.....
Two weeks and one-half month:																										
California.....	2	73	6.4	12	6	5	3	10	34	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois.....	2	10	5.7	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan.....	5	80	8.5	3	2	3	2	6	25	1	31	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota.....	3	49	9.0	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio.....	2	10	8.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania.....	7	118	8.0	4	3	6	23	31	45	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin.....	3	238	8.6	6	6	4	11	36	26	79	66	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other States.....	2	114	8.5	5	3	4	3	10	24	20	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	26	687	8.2	34	18	19	27	92	150	221	124	1	1	390	11	103	142	118	204	82	24	2	1	.....	.....	.....
One month:																										
California.....	2	77	7.7	6	.....	2	4	16	37	10	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand total.....	105	2,024	8.2	71	33	44	76	359	621	697	196	11	6	435	22	160	277	308	690	343	168	68	5	.....	.....	.....

OVERALLS.
MALES.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—												
			Un-der 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to 12.	12 and over.	Un-der 20 cts.	20 to 25 cts.		25 to 30 cts.	30 to 35 cts.	35 to 40 cts.	40 to 45 cts.	45 to 50 cts.	50 to 60 cts.	60 to 70 cts.	70 to 80 cts.	80 to 90 cts.	90 cts. and over.			
CUTTERS.																												
One week:																												
California.....	4	7.8	1				9	16										1			1							
Georgia.....	5	7.6				1	3	3																				
Illinois.....	6	7.6	1			1	6	2																				
Indiana.....	9	7.9				1	10	6																				
Iowa.....	7	7.6				1	8	1																				
Maryland.....	4	7.6				1	3	6																				
Massachusetts.....	12	7.4				1	10	2																				
Michigan.....	3	7.4				1	11	1																				
Minnesota.....	5	6.6	1	1	3	6	11	2																				
Missouri.....	6	7.3				1	9	1																				
New Jersey.....	11	7.3				1	1	1																				
New York.....	5	6.0	1		2	18	3	3																				
Ohio.....	6	6.5		5			9	1																				
Pennsylvania.....	7	8.0				1	3	1																				
Tennessee.....	5	7.8				1	6	3																				
Texas.....	5	7.7					11	1																				
Virginia.....	8	7.2				1	8	1																				
Wisconsin.....	2	7.6					3	1																				
Other States.....	5	7.1				1	3	1																				
Other States.....	1	8.0																										
Total.....	100	7.3	4	7	9	37	98	61	7	1	1	1						8	8	13	18	22	98	18	31	7	5	
Two weeks and one-half month:																												
Minnesota.....	3	7.9					1	8																				
North Carolina.....	2	9.1						9																				
Pennsylvania.....	2	7.9					2	7																				
Wisconsin.....	5	8.4						3																				
Other States.....	5	8.0					3	3	1	2																		
Total.....	17	8.3					6	17	1	4									4	9	5	5	2	2	1			
Grand total.....	117	7.4	4	7	9	37	104	78	8	5	1	1						8	12	18	28	37	98	20	22	7	5	

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES—Concluded.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Num-ber of em-ploy-ees.	A ver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Employees whose earnings per hour worked were—													
				A ver- age earnings per hour worked.												A ver- age earnings per hour worked.													
				4	5	6	7	8	9	10	11	12	Un-der 4.	and over.	Un-der 12 cts.	and over.	12	14	16	18	20	25	30	35	40	45	50	60	75	and over.

EXAMINERS—Concluded.

Two weeks and one-half month.									
Minnesota.....	3	5	7.8	.....	.....	3	2	.....	.....
Ohio.....	2	4	8.0	.....	.....	1	2	.....	.....
Wisconsin.....	4	9	6.0	.....	.....	2	1	.....	.....
Other States.....	5	17	7.8	1	.....	2	4	1	3
Total.....	14	35	7.3	1	4	2	11	14	1
Grand total.....	105	334	7.0	5	10	39	53	121	90

OPERATORS

One week:	433	7.1	11	18	26	53	212	118	50,318	1	4	10	16	12	62	128	73	42	33	14
Georgia.....	246	6.5	9	10	21	79	63	64	22	1	5	4	3	13	57	57	34	15	11	1
Illinois.....	198	7.2	4	20	21	52	67	73	331	1	5	4	7	27	30	30	49	11	13	19
Indiana.....	195	6.7	34	43	37	123	157	151	253	27	13	53	38	85	97	117	80	24	7	8
Iowa.....	209	7.2	10	31	17	114	84	5	277	1	2	9	14	21	68	65	37	10	4	4
Lowland.....	209	7.2	10	31	17	114	84	5	277	1	2	9	14	21	68	65	37	10	4	4
Massachusetts.....	147	6.7	5	16	23	95	105	105	315	2	4	9	10	2	32	32	35	20	8	7
Michigan.....	494	6.0	26	71	134	192	140	335	391	1	5	5	7	2	43	76	107	41	17	6
Minnesota.....	58	7.3	9	9	9	40	33	32	196	1	1	1	1	1	8	25	25	12	6	6

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AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

PAPER AND PULP.

MALES.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												A ver- age earn- ings per hour work- ed.	Employees whose earnings per hour worked were—												
			A ver- age hours worked per week day.													Un-der 14 cts.	14 der 16 cts.	16 and un-der 18 cts.	18 and un-der 20 cts.	20 and un-der 25 cts.	25 and un-der 30 cts.	30 and un-der 35 cts.	35 and un-der 40 cts.	40 and un-der 50 cts.	50 and un-der 60 cts.	60 and un-der 70 cts.	70 and over.	
			Un-der 4.	4 and un-der 5.	5 and un-der 6.	6 and un-der 7.	7 and un-der 8.	8 and un-der 9.	9 and un-der 10.	10 and un-der 11.	11 and un-der 12.	12 and un-der over.																
ACID MAKERS (PULP).																												
One week:																												
Maine.....	5	15	9.4					1	4	5	4	1	\$0.575															
Massachusetts.....	2	10	9.6										1	479														
Michigan.....	5	14	9.2						8	3	2	2	2	499														
Minnesota.....	2	6	8.0	1										579														
New Hampshire.....	2	8	9.0				1		3	1	2			584														
New York.....	3	8	9.1									1	1	473														
Ohio.....	2	6	9.6						3			1	1	450														
Pennsylvania.....	3	8	12.7										6	453														
Wisconsin.....	3	8	9.2				1	1	3			2	1	436														
Other States.....	1	3	9.7						1	1		1	1	469														
Total.....	28	82	9.5	1			3	2	32	14	12	5	13	.507									2	4	36	27	13	
Two weeks and one-half month:																												
Oregon.....	3	9	9.0											476														
Washington.....	2	7	8.9				1	3	4	1		1		546											7	2		
Wisconsin.....	2	5	10.0										2	368											3	2		
Other States.....	1	3	8.2											435														
Total.....	8	24	9.4					2	9	5	5	1	2	.473											3	12	9	
Grand total.....	36	106	9.4	1			3	4	41	19	17	6	15	.500										2	7	48	36	13

ACID MAKERS (PULP).

BACK TENDERS (PAPER).

One week:	6	26	9.2	1	4	1	10	1	2	4	4	30.412	8	15	3	9	1
Connecticut.....	5	94	8.6	5	2	3	60	20	3	3	5	533	5	40	45	1	1
Maine.....	12	109	8.5	1	3	6	62	9	9	3	9	491	491	61	46	1	1
Massachusetts.....	5	42	8.2	1	2	4	26	7	2	1	1	538	697	6	36	17	6
Michigan.....	4	26	8.3	1	2	2	1	20	1	1	3	509	7	8	20	3	1
Minnesota.....	4	28	9.0	1	2	3	14	2	1	3	5	514	1	35	20	19	4
New Hampshire.....	11	86	9.2	2	2	3	47	7	3	8	14	511	2	7	13	6	1
New York.....	4	28	9.0	1	1	1	1	5	1	1	1	523	6	4	4	48	3
Ohio.....	9	80	9.8	1	1	4	31	9	6	6	21	485	2	17	9	3	10
Pennsylvania.....	3	29	7.9	3	1	2	16	4	1	1	1	471	4	28	15	4	2
Vermont.....	5	43	9.0	1	1	5	3	1	4	3	4	586	9	7	14	6	221
Wisconsin.....	1	6	8.6	1	1	1	3	1	1	30	66	511	9	7	14	6	221
Other States.....	69	597	8.8	7	4	10	26	26	327	68	33	80	66	511	262	47	20
Total.....																	11
Two weeks and one-half month:																	
Michigan.....	2	16	7.8	1	1	1	5	7	2	3	11	500	18	8	8	2	
New Jersey.....	2	20	10.0	3	1	1	1	19	4	3	1	404	30	30	4	11	5
Ohio.....	2	34	7.2	2	1	3	2	26	8	1	1	552	19	19	14	13	7
Oregon.....	3	49	7.6	5	2	1	5	15	6	2	1	604	7	7	13	7	3
Washington.....	2	34	8.5	1	3	5	2	7	1	1	1	470	11	11	1	1	4
Wisconsin.....	2	12	7.8	2	2	2	7	1	1	1	1	528	18	75	40	20	8
Total.....	13	165	8.2	11	4	9	6	17	74	21	6	12	528	18	75	40	20
Grand total.....	82	762	8.7	18	8	19	32	43	401	89	39	35	78	14	24	206	302
														9	7	14	67
																28	15

BARKER MEN (PULP).

One week:	3	28	9.2	1	2	1	10	1	8	2	3	30.413	13	15	1		
Maine.....	5	23	8.9	1	1	1	9	13	1	1	1	405	1	9	12	1	
Michigan.....	3	9	8.9	1	1	1	4	2	3	1	1	448	3	6	6		
Minnesota.....	2	15	8.8	1	1	1	12	2	1	1	1	428	2	15	2		
New Hampshire.....	5	31	7.7	1	1	5	17	5	1	1	1	421	4	4	23	2	
New York.....	3	19	8.9	1	1	1	15	2	2	2	2	406	2	4	1	14	
Vermont.....	3	19	10.0	1	1	1	4	7	4	4	2	332	12	5	2	2	
Wisconsin.....	4	19	11.1	1	1	1	1	5	5	2	2	462	7	7	7	7	
Other States.....	1	7															
Total.....	26	151	8.9	2	3	3	6	3	53	43	23	7	8	19	35	94	3

[illegible]

BLOW-PTT MEN (PULP).

[illegible]

[illegible]

CHIPPER MEN (PULP).

[illegible]

COOKS (PULP).

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Number of establishments.	Number of employees.	Employees whose average hours worked per week day for the pay-roll period were—												Employees whose earnings per hour worked were—											
			Average hours worked per week day.												Average earnings per hour worked.											
			Un-der 4.	4 and 5.	5 and 6.	6 and 7.	7 and 8.	8 and 9.	9 and 10.	10 and 11.	11 and 12.	12 and over.	Un-der 14 cts.	14 and 16 cts.	16 and 18 cts.	18 and 20 cts.	20 and 25 cts.	25 and 30 cts.	30 and 35 cts.	35 and 40 cts.	40 and 50 cts.	50 and 60 cts.	60 and 70 cts.	70 and 80 cts.	80 and over.	
Two weeks and one-half month:																										
Oregon.....	13	34	1					6	3	1													4	9		
Washington.....	6	6.1						1	5														3	3		
Wisconsin.....	2	8.2	1					3		2													6			
Other States.....	3	8.2						3															3			
Total.....	8	28	2					13	10	3												9	7	12		
Grand total.....	37	119	5		2	2	48	25	17	2	16										28	36	33	8	2	

COOKS (PULP)—Concluded.

COUNTERS (PAPER).

One week:																									
Massachusetts.....	7	21	8.9		1	1		11	7	1												1	13	7	
Vermont.....	2	2	9.4					1	1													2			
Other States.....	8	8	8.8					5	1	2												5	3		
Total.....	12	31	8.9		1	1		17	8	3	1											8	15	7	
Two weeks and one-half month:																									
All States.....	8	19	7.1	1	1	1		8															12		
Grand total.....	15	49	8.4	1	1	2	1	25	8	3	1											8	23	7	

CUTTERS (PAPER).

[illegible]

ENAMELERS (PAPER).

[illegible]

MACHINE TENDERS (PAPER).

One week:	6	23	9.5	1	2	2	6	4	2	1	5	\$0.597	6	8	8	1	13
Connecticut.....	5	90	8.5	1	2	2	63	16	2	2	2	722	2	40	35	1	13
Maine.....	12	110	8.5	2	4	4	1	63	2	2	2	722	2	40	35	1	13
Massachusetts.....	5	39	8.8	2	1	1	3	12	2	2	2	695	2	15	19	20	9
Michigan.....	4	28	8.2	1	1	1	2	22	2	2	2	805	2	13	13	15	15
Minnesota.....	11	77	9.2	1	1	1	15	2	2	3	3	698	2	21	9	23	15
New Hampshire.....	4	28	9.1	1	1	1	4	46	5	3	5	12	2	2	18	3	6
New York.....	9	62	9.9	1	1	1	14	5	1	2	3	661	2	6	12	3	26
Ohio.....	3	28	8.3	1	1	1	23	4	5	5	21	724	4	8	6	12	3
Pennsylvania.....	5	39	9.4	1	2	2	21	2	1	5	6	614	1	5	13	20	20
Vermont.....	1	6	7.8	2	2	2	3	1	1	1	1	696	1	5	13	20	20
Wisconsin.....	1	6	7.8	2	2	2	3	1	1	1	1	696	1	5	13	20	20
Other States.....	69	557	8.9	3	4	10	16	17	329	59	24	67	692	3	11	4	83
Total.....	2	14	9.1	1	2	2	8	2	2	1	2	706	2	7	15	3	3
Two weeks and one-half month:	2	17	12.4	1	1	1	2	1	2	1	10	900	2	10	13	9	10
Michigan.....	2	32	8.6	1	1	1	22	6	1	1	1	709	1	7	12	5	9
New Jersey.....	3	42	8.4	2	1	1	32	5	1	1	3	694	1	10	13	9	10
Ohio.....	2	33	8.8	1	1	1	13	10	1	1	3	715	1	7	12	5	9
Oregon.....	2	12	8.2	1	1	1	12	1	1	1	1	655	1	7	12	5	9
Washington.....	2	12	8.2	1	1	1	12	1	1	1	1	655	1	7	12	5	9
Wisconsin.....	2	12	8.2	1	1	1	12	1	1	1	1	655	1	7	12	5	9
Total.....	13	150	9.0	3	2	1	10	89	24	5	4	12	689	7	17	67	22
Grand total.....	82	707	8.9	7	12	17	27	418	83	29	32	79	691	3	11	4	106

PACKERS (PAPER).

One week:	6	20	7.6	4	1	1	3	9	2	1	1	\$0.361	2	9	5	3	1	1	
Connecticut.....	5	51	8.3	1	1	1	35	13	9	3	1	461	2	12	26	13	1	1	
Maine.....	10	59	8.8	1	1	1	35	13	7	1	2	447	2	10	40	9	2	2	
Massachusetts.....	5	29	8.3	1	1	1	2	6	2	2	2	424	2	4	4	19	2	2	
Michigan.....	4	34	8.1	1	1	1	2	20	6	2	2	446	2	4	1	28	5	2	
Minnesota.....	4	34	8.1	1	1	1	2	20	6	2	2	424	2	4	1	28	5	2	
New Hampshire.....	4	39	8.1	1	1	1	2	21	6	2	2	424	2	4	1	20	7	2	
New York.....	11	88	9.0	1	1	1	22	33	22	2	1	402	1	6	20	59	2	2	
Ohio.....	4	17	8.8	1	1	1	2	12	1	1	1	397	2	1	7	2	5	3	
Pennsylvania.....	9	59	8.8	3	1	3	4	11	20	15	1	508	1	1	4	20	28	3	
Vermont.....	3	39	8.3	1	1	6	19	5	7	1	1	400	1	4	6	29	3	3	
Wisconsin.....	5	42	8.8	1	2	2	1	25	5	4	2	372	1	9	22	11	3	3	
Other States.....	1	3	12.0	1	2	2	1	1	1	1	2	653	1	3	3	3	3	3	
Total.....	67	480	8.7	10	5	9	23	147	170	74	14	7	430	3	40	98	260	70	6

Includes 1 establishment in Connecticut close to Massachusetts.

PRESSMEN (PULP).

[illegible]

RAG WORKERS (PAPER).

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Num-ber of hours work- ed per week day.	Aver- age	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—													
				day for the pay-roll period were—													Employees whose earnings per hour worked were—													
				Un-der 4.	4 and 5.	5 and 6.	6 and 7.	7 and 8.	8 and 9.	9 and 10.	10 and 11.	11 and 12.	12 and over.																	
One week:																	Un-der 14 cts.	14 and 16 cts.	16 and 18 cts.	18 and 20 cts.	20 and 25 cts.	25 and 30 cts.	30 and 35 cts.	35 and 40 cts.	40 and 50 cts.	50 and 60 cts.	60 and 70 cts.	70 and 80 cts.	80 and over.	
Maine.....	4	26	9.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts.....	2	15	8.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan.....	4	18	8.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire.....	3	21	8.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York.....	3	15	8.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania.....	4	18	10.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin.....	3	16	8.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other States.....	3	9	9.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	26	138	8.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Two weeks and one-half month:																	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oregon.....	2	18	8.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington.....	2	17	6.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other States.....	2	7	7.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	6	42	8.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand total.....	32	180	8.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

SCREEN MEN (PULP).

SIZE MAKERS (PAPER).

[illegible]

SPLITTER MEN (PULP).

	No.	1	2	3	4	5	6	7	8	9	10	11	12	Total	Average
One week:															
Maine.....	4	14	9.7	1	3	6	1	1	2	\$0.413				8	6
Massachusetts.....	2	3	8.8		2	6	1			.394				2	1
New Hampshire.....	2	10	8.2		1	2	6			.395				7	3
Wisconsin.....	3	6	9.9	1	3	3	3			.390				6	4
Other States.....	2	9	8.7		1	2	6			.397				5	4
Total.....	13	42	9.1	1	1	2	7	23	5	2	.393			6	22
Two weeks and one-half month:															
Oregon.....	2	22	8.1	2	1	2	2	6	2	.497				19	3
Washington.....	2	14	9.8	1	2	1	3	2	4	1	.462			14	1
Wisconsin.....	2	1	8.3		3	3	3	3		.393				1	2
Other States.....	1	2	9.0				2			.420				2	
Total.....	7	41	8.8	2	2	3	1	4	3	14	4	7	1	.474	37
Grand total.....	20	83	9.0	2	3	4	1	6	10	37	9	8	3	.433	61

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
 OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Concluded.

[illegible]

TRIMMERS (PAPER).

[illegible]

WASHERMEN (PAPER).

[illegible]

FEMALES.
CALENDER GIRLS (PAPER).

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Num-ber of employ-ees.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Un-der 4.	4	5	6	7	8	9	10	11	12	Un-der 14 cts.	14		16	18	20	25	30	35	40	50	60	70	80	over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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DECORATING-KILN MEN.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
 OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.[illegible]

HANDLERS.

[illegible]

JIGGERS.

[illegible]

KILN PLACERS.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ment's.	Num-ber of hours worked per week day	Aver- age hours worked per week day for pay-roll period were—	Employees whose average hours worked were—										Aver- age earnings per hour work- ed.	Employees whose earnings per hour worked were—									
				per week day for pay-roll period were—											per hour worked were—									
				Un- and der 4.	and der 5.	and der 6.	and der 7.	and der 8.	and der 9.	and der 10.	and der over.	Un- and der 30 cts.	30 and der 45 cts.		45 and der 50 cts.	50 and der 55 cts.	55 and der 60 cts.	60 and der 65 cts.	65 and der 70 cts.	70 and der 80 cts.	80 and der 90 cts.	90 and der \$1.	\$1. and der \$1.25	\$1.25 and der \$1.50	$1.50 and der over.

LABORERS.

One week:																								
New York.....	2	312	7.6	12	7	32	51	61	87	43	19	\$0.448	36	33	47	56	55	29	10	13	10	8	4	5
New Jersey.....	4	161	7.5	10	7	17	12	25	60	22	8	.463	10	8	22	26	35	20	25	14	1	1	1	1
Total.....	6	473	7.5	22	14	49	63	86	147	65	27	.453	46	41	69	82	90	49	41	27	11	5	4	5
Two weeks:																								
West Virginia.....	4	277	6.6	36	22	31	54	41	60	25	8	.469	27	15	42	55	22	44	30	7	6	12	14	3
Ohio.....	5	259	6.8	29	20	28	44	46	59	21	11	.536	14	14	31	28	39	55	24	21	13	18	2	1
Total.....	9	536	6.7	65	42	60	98	87	119	46	19	.502	41	29	73	83	61	99	54	28	19	30	16	3
Grand total.....	15	1,009	7.1	87	56	109	161	173	266	111	46	.479	87	70	142	165	151	148	95	55	30	38	20	8

LINERS AND GILDERS.

One week:																								
New York.....	2	24	7.9	1	.....	.....	1	7	12	3	.....	\$0.901	.....	.....	.....	.....	.....	1	3	.....	2	1	4	4
New Jersey.....	2	13	7.2	.....	.....	.....	2	10	1	.....	.....	.752	.....	1	.....	.....	.....	1	.....	1	1	3	3	1
Total.....	4	37	7.7	1	.....	.....	3	17	13	3	.....	.848	.....	1	.....	.....	.....	2	3	1	3	4	7	5

[illegible]

MOLD MAKERS.

[illegible]

PACKERS.

One week:							
New York.....	2	8	7.9				
New Jersey	4	7	7.7			.042	
Total.....	6	15	7.8			.708	
Two weeks:							
West Virginia.....	4	14	7.0				
Ohio.....	5	19	6.5	3	2		
Total.....	9	33	6.7	3	7		
Grand total.....	15	48	7.0	3	7		

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND LOCALITY—Continued.

TABLE 1. HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND LOCALITY—Continued.

Hours worked per week day

Sex	Locality	Hours worked per week day										Earnings per hour worked									
		1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
Male	Total	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
		1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
Female	Total	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
		1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
Male	Total	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
		1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
Female	Total	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
		1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

[illegible]

TURNERS.

[illegible]

[illegible]

TURNERS.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
 OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES.

[illegible]

LABORERS.

	2	162	7.1	9	13	5	25	65	30	15	40,252	32	81	58	25	10	10	1	1	12,222	1,888	1,888	1,888	1,888	1,888
	4	78	7.0	5	5	4	22	11	30	1	.298	4	20	19	19	5	6	2	2	1					
	6	240	7.0	14	18	9	47	76	60	16	.267	36	51	71	44	15	16	3	3	1					
One week:																									
New York.....																									
New Jersey.....																									
Total.....																									
Two weeks:																									
West Virginia.....	4	189	6.4	23	12	21	38	50	40	5	.318	18	60	40	18	11	8	9	10	4		1	1		
Ohio.....	5	252	6.1	29	25	31	66	44	36	1	.318	22	48	76	43	20	20	11	4	5	3	2		1	
Total.....	9	441	6.3	52	37	52	124	94	76	6	.313	40	108	113	61	31	28	20	23	9	3	3	1	1	
Grand total.....	15	681	6.5	66	55	61	171	170	136	22	.297	76	159	184	105	46	44	23	20	10	3	3	1	1	

LINERS AND GILDERS.

	One week:																					
New York.....	2	10	8.1	.....	1	.....	1	1	3	4	....	\$9.441	....	.....	1	3	2	1	2	1	.....	.....
New Jersey	4	15	5.6	4	.....	3	3	5	.....	.....	.....	.553	....	.....	1	1	.....	1	2	2	.....	.....
Total.....	0	25	6.6	4	1	3	4	0	3	4	....	.508	....	.....	1	1	2	3	2	4	3	.....

[illegible]

TRANSFER.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

RUBBER.

MALES.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—											
			4	5	6	7	8	9	10	11	12	Un-der 4.	and over.	25 cts.		30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	1.00 and over.		
One week: Massachusetts and Connecticut... Delaware, New Jersey, and eastern Pennsylvania... Ohio, Michigan, and western Pennsylvania... Illinois and Wisconsin... Total...	7 7 3 2 19	9.6 9.3 7.5 9.0 8.8	1 1 2 4 3	1 1 4 11 4	5 6 7 7 12	6 7 8 8 48	7 8 9 10 54	8 9 10 11 68	9 10 11 12 40	10 11 12 13 11	11 12 13 14 11	12 13 14 15 11	13 14 15 16 11	14 15 16 17 11	30.491	Un-der 25 cts.	25 and 30 cts.	30 and 35 cts.	35 and 40 cts.	40 and 45 cts.	45 and 50 cts.	50 and 60 cts.	60 and 70 cts.	70 and 80 cts.	80 and 90 cts.	90 cts. and 1.00	1.00 and over.
Two weeks and one-half month: Ohio, Michigan, and western Pennsylvania... Illinois and Wisconsin... Total...	2 2 4	7.4 8.6 8.0	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	.680 .654 .668	Un-der 25 cts.	25 and 30 cts.	30 and 35 cts.	35 and 40 cts.	40 and 45 cts.	45 and 50 cts.	50 and 60 cts.	60 and 70 cts.	70 and 80 cts.	80 and 90 cts.	90 cts. and 1.00	1.00 and over.
One month: Delaware, New Jersey, and eastern Pennsylvania... Grand total...	1 24	8.3 8.7	1 5	1 6	1 23	1 64	1 82	1 81	1 42	1 11	1 11	1 11	1 11	1 11	.748 .613	Un-der 25 cts.	25 and 30 cts.	30 and 35 cts.	35 and 40 cts.	40 and 45 cts.	45 and 50 cts.	50 and 60 cts.	60 and 70 cts.	70 and 80 cts.	80 and 90 cts.	90 cts. and 1.00	1.00 and over.

CALENDAR MEN.

COMPOUNDERS.

	7	70	9.5	2	1	14	10	14	14	6	9	\$0.454			3	60	2	5
One week:																		
Massachusetts and Connecticut.....	7	48	8.7	3	2	2	2	11	21	9		.468			1	14	20	6
Delaware, New Jersey, and eastern Pennsylvania.....	8	48	8.7	3	2	2	2	11	21	9							5	2
Ohio, Michigan, and western Pennsylvania.....	3	92	8.1	4	6	6	9	49	3	13	1	.537				13	58	16
Illinois and Wisconsin.....	2	5	9.3				1	1	1	2		.490				2	3	
Total.....	20	215	8.7	3	6	8	7	26	71	39	38	.494			1	17	95	69
Two weeks and one-half month:																		
Ohio, Michigan, and western Pennsylvania.....	2	18	7.4		2	2	13	1				.636				3	1	8
Illinois and Wisconsin.....	2	17	8.3	1	2	2	6	6				.471				14	3	
Total.....	4	35	7.8	1	4	2	15	7	6			.556				17	4	8
Grand total.....	24	250	8.6	3	7	12	9	41	78	45	38	.502			1	17	112	73

MILLMEN.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Concluded.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—																						
			Un-der 4. 4. 5. 6. 7. 8. 9. 10. 11. 12.													Un-der 25 cts. 25 cts. 30 cts. 35 cts. 40 cts. 45 cts. 50 cts. 60 cts. 70 cts. 80 cts. 90 cts. 1.00 and over.																						
			4.	5.	6.	7.	8.	9.	10.	11.	12.	Un-der 25 cts.	25 cts.	30 cts.		35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	1.00 and over.	Un-der 25 cts.	25 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	1.00 and over.		
One week:																																						
Massachusetts and Connecticut...	5	28	9.1	1				7	5	8	1	3	3																									
Delaware, New Jersey, and eastern Pennsylvania.....	3	8	9.2						3	3	2																											
Ohio, Michigan, and western Penn- sylvania.....	2	31	7.6	1	6	1	11	8			2	2																										
Illinois and Wisconsin.....	1	3	8.6	1						1			1																									
Total.....	11	70	8.4	3	6	1	18	16	12	5	5	4	4	3	3	3	2	14	26	13	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
Two weeks and one-half month:																																						
Ohio, Michigan, and western Penn- sylvania.....	2	12	8.8					1	4	4	2																											
Illinois and Wisconsin.....	1	46	8.3					2	3	9	12																											
Total.....	3	57	8.4	2	4	10	23	16	2	2	2	2	2	2	2	2	5	13	8	12	9	7	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
One month:																																						
Ohio, Michigan, and western Penn- sylvania.....	1	1	9.9																																			
Grand total.....	15	128	8.4	3	8	5	28	39	29	7	5	4	4	4	4	4	2	19	39	22	10	13	7	7	7	7	7	7	7	7	7	7	7	7	7			

REFINERS, SCREENERS, AND GRINDERS.

[illegible]

CUTTERS, MACHINE.

[illegible]

MAKERS. HAND.

One week:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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RUBBER: MECHANICAL GOODS.

MALES.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Num-ber of employ-ees.	Employees whose average hours worked per week day for the pay-roll period were—		Employees whose average hours worked per week day for the pay-roll period were—		Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																															
			Aver- age work- week day.	Aver- age earn- ings per work- ed.	Aver- age work- week day.	Aver- age earn- ings per work- ed.	25 cts.	30 cts.	35 cts.	40 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1 and over.	\$1.25 and over.	\$1.50 and over.																																																																																																																																																																																																																																																																																				
1913-14 1914-15 1915-16 1916-17	1	1	4	5	6	7	8	9	10	11	12	Un-der 4.	Un-der 5.	Un-der 6.	Un-der 7.	Un-der 8.	Un-der 9.	Un-der 10.	Un-der 11.	Un-der 12.	Un-der 13.	Un-der 14.	Un-der 15.	Un-der 16.	Un-der 17.	Un-der 18.	Un-der 19.	Un-der 20.	Un-der 21.	Un-der 22.	Un-der 23.	Un-der 24.	Un-der 25.	Un-der 26.	Un-der 27.	Un-der 28.	Un-der 29.	Un-der 30.	Un-der 31.	Un-der 32.	Un-der 33.	Un-der 34.	Un-der 35.	Un-der 36.	Un-der 37.	Un-der 38.	Un-der 39.	Un-der 40.	Un-der 41.	Un-der 42.	Un-der 43.	Un-der 44.	Un-der 45.	Un-der 46.	Un-der 47.	Un-der 48.	Un-der 49.	Un-der 50.	Un-der 51.	Un-der 52.	Un-der 53.	Un-der 54.	Un-der 55.	Un-der 56.	Un-der 57.	Un-der 58.	Un-der 59.	Un-der 60.	Un-der 61.	Un-der 62.	Un-der 63.	Un-der 64.	Un-der 65.	Un-der 66.	Un-der 67.	Un-der 68.	Un-der 69.	Un-der 70.	Un-der 71.	Un-der 72.	Un-der 73.	Un-der 74.	Un-der 75.	Un-der 76.	Un-der 77.	Un-der 78.	Un-der 79.	Un-der 80.	Un-der 81.	Un-der 82.	Un-der 83.	Un-der 84.	Un-der 85.	Un-der 86.	Un-der 87.	Un-der 88.	Un-der 89.	Un-der 90.	Un-der 91.	Un-der 92.	Un-der 93.	Un-der 94.	Un-der 95.	Un-der 96.	Un-der 97.	Un-der 98.	Un-der 99.	Un-der 100.	Un-der 101.	Un-der 102.	Un-der 103.	Un-der 104.	Un-der 105.	Un-der 106.	Un-der 107.	Un-der 108.	Un-der 109.	Un-der 110.	Un-der 111.	Un-der 112.	Un-der 113.	Un-der 114.	Un-der 115.	Un-der 116.	Un-der 117.	Un-der 118.	Un-der 119.	Un-der 120.	Un-der 121.	Un-der 122.	Un-der 123.	Un-der 124.	Un-der 125.	Un-der 126.	Un-der 127.	Un-der 128.	Un-der 129.	Un-der 130.	Un-der 131.	Un-der 132.	Un-der 133.	Un-der 134.	Un-der 135.	Un-der 136.	Un-der 137.	Un-der 138.	Un-der 139.	Un-der 140.	Un-der 141.	Un-der 142.	Un-der 143.	Un-der 144.	Un-der 145.	Un-der 146.	Un-der 147.	Un-der 148.	Un-der 149.	Un-der 150.	Un-der 151.	Un-der 152.	Un-der 153.	Un-der 154.	Un-der 155.	Un-der 156.	Un-der 157.	Un-der 158.	Un-der 159.	Un-der 160.	Un-der 161.	Un-der 162.	Un-der 163.	Un-der 164.	Un-der 165.	Un-der 166.	Un-der 167.	Un-der 168.	Un-der 169.	Un-der 170.	Un-der 171.	Un-der 172.	Un-der 173.	Un-der 174.	Un-der 175.	Un-der 176.	Un-der 177.	Un-der 178.	Un-der 179.	Un-der 180.	Un-der 181.	Un-der 182.	Un-der 183.	Un-der 184.	Un-der 185.	Un-der 186.	Un-der 187.	Un-der 188.	Un-der 189.	Un-der 190.	Un-der 191.	Un-der 192.	Un-der 193.	Un-der 194.	Un-der 195.	Un-der 196.	Un-der 197.	Un-der 198.	Un-der 199.	Un-der 200.	Un-der 201.	Un-der 202.	Un-der 203.	Un-der 204.	Un-der 205.	Un-der 206.	Un-der 207.	Un-der 208.	Un-der 209.	Un-der 210.	Un-der 211.	Un-der 212.	Un-der 213.	Un-der 214.	Un-der 215.	Un-der 216.	Un-der 217.	Un-der 218.	Un-der 219.	Un-der 220.	Un-der 221.	Un-der 222.	Un-der 223.	Un-der 224.	Un-der 225.	Un-der 226.	Un-der 227.	Un-der 228.	Un-der 229.	Un-der 230.	Un-der 231.	Un-der 232.	Un-der 233.	Un-der 234.	Un-der 235.	Un-der 236.	Un-der 237.	Un-der 238.	Un-der 239.	Un-der 240.	Un-der 241.	Un-der 242.	Un-der 243.	Un-der 244.	Un-der 245.	Un-der 246.	Un-der 247.	Un-der 248.	Un-der 249.	Un-der 250.	Un-der 251.	Un-der 252.	Un-der 253.	Un-der 254.	Un-der 255.	Un-der 256.	Un-der 257.	Un-der 258.	Un-der 259.	Un-der 260.	Un-der 261.	Un-der 262.	Un-der 263.	Un-der 264.	Un-der 265.	Un-der 266.	Un-der 267.	Un-der 268.	Un-der 269.	Un-der 270.	Un-der 271.	Un-der 272.	Un-der 273.	Un-der 274.	Un-der 275.	Un-der 276.	Un-der 277.	Un-der 278.	Un-der 279.	Un-der 280.	Un-der 281.	Un-der 282.	Un-der 283.	Un-der 284.	Un-der 285.	Un

BELT MAKERS.

	1	11	7.5			1	7	3			\$0.48D								
One week:																			
Massachusetts and Connecticut.....	1	11	7.5																
Pennsylvania, New Jersey, and eastern Pennsylvania.....	1	15	10.1						5	9	1								
Ohio, Michigan, and western Pennsylvania.....	1	10	6.3			2	8				.730					1	2	1	4
Total.....	3	36	8.3			2	9	7	3	5	9	1				1	7	19	2
Two weeks and one-half month:																			
Ohio, Michigan, and western Pennsylvania.....	1	3	7.1			1		1			.417								
Grand total	4	39	8.2			3	9	8	4	5	9	1				1	7	22	2

HAND MAKERS OR HAND WORKERS?

[illegible]

RUBBER: MECHANICAL GOODS AND HOSE.

MALES.

Pay-roll period and locality.	Num-ber of estab-lish-ment's.	Employees whose average hours worked per week day for the pay-roll period were—												Employees whose earnings per hour worked were—											
		Aver- age earnings per hour worked.												Aver- age earnings per hour worked.											
		4 Un-der 4. 5.	5 Un-der 5. 6.	6 Un-der 6. 7.	7 Un-der 7. 8.	8 Un-der 8. 9.	9 Un-der 9. 10.	10 Un-der 10. 11.	11 Un-der 11. 12.	12 Un-der 12. over.	Un-der 25 cts.	25 der 30 cts.	30 35 der cts.	35 40 der cts.	40 50 der cts.	50 60 der cts.	60 70 der cts.	70 80 der cts.	80 90 der cts.	90 and over.	\$1.10 and over.	\$1.25 and over.			

LABORERS AND HELPERS.

One week:	1	150	7.1	3	1	5	36	92	13	.....	.....	.....	.....	30,360	.....	1	12	90	45	2	.....	.....	.....	.....	.....
Massachusetts and Connecticut....	4	314	8.9	4	8	8	15	38	179	36	14	4	.381	1	18	104	81	93	13	3	1	.....	.....	.....	.....
Delaware, New Jersey, and east- ern Pennsylvania.....	1	184	7.1	5	5	17	38	65	47	4	2	1	.527	.....	1	.....	49	35	39	40	15	3	1	1	.....
Ohio, Michigan, and Western Pennsylvania.....	2	57	8.4	2	.....	4	3	4	24	12	6	2	.405	.....	2	10	10	30	3	1	.....	.....	.....	.....	.....
Illinois and Wisconsin.....	8	705	8.0	14	14	34	85	176	122	195	44	17	.417	1	22	126	230	203	57	44	17	3	1	1	.....
Total.....																									
Two weeks and one-half month:	1	253	7.5	14	8	14	25	80	81	15	12	2	.357	1	10	20	119	70	20	4	.....	.....	.....	.....	.....
Ohio, Michigan, and western Pennsylvania.....	1	120	8.4	5	4	5	9	15	55	90	7	6	.494	.....	2	53	35	39	7	8	2	1	.....	.....	.....
Illinois and Wisconsin.....	2	873	7.8	19	12	19	34	95	116	44	19	8	.401	1	12	52	154	109	27	12	3	2	1	.....	.....
Total.....	10	1,078	7.9	33	26	53	119	271	268	289	63	25	.411	2	34	178	384	312	84	56	20	5	2	1	.....
Grand total.....																									

TUBE ROLLERS, WRAPPERS, AND STRIPPERS.

[illegible]

VULCANIZERS.

One week:									
	1	2	3	4	5	6	7	8	9
Delaware, New Jersey, and eastern Pennsylvania.....	1	5	10.0						
Pennsylvania.....	1	6	8.1	1	2	3			
Illinois and Wisconsin.....					5				
Total.....	2	11	9.0	1		7	3		
Two weeks and one-half month:									
Ohio, Michigan, and western Pennsylvania.....	1	9	7.6		7	2			
Grand total.....	3	20	8.4	1		7	2	7	3

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
 OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Concluded.

[illegible]

FEMALES.

Pay-roll period and locality.	Num-ber of estab-lish-ment-ees.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per work-ed.	Employees whose earnings per hour worked were—																			
			4	5	6	7	8	9	10	11	12	Un-and der 4.	4.	5.		6.	7.	8.	9.	10.	11.	12.	Un-and der 18 cts.	18 cts.	20 cts.	25 cts.	30 cts.	35 cts.	40 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1. and over.
			1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.

LABORERS.

One week:	1	95	6.5	1	2	9	61	22								\$0.237	8	10	45	24	3	4	1						
Massachusetts and Connecticut.																													
Delaware, New Jersey, and eastern Pennsylvania.	4	96	8.9	1	1	2	1	1	9	81						.251			13	80			3						
Ohio, Michigan, and western Pennsylvania.	1	89	6.7	5	6	9	17	36	16							.389			1	21	8	18	30	8	2	1			
Illinois and Wisconsin.	2	26	8.6				1	4	21							.242			14	8	2	2							
Total.	8	306	7.5	7	9	20	80	63	46	81						.289	8	10	73	133	13	24	34	8	2	1			
Two weeks and one-half month:																													
Ohio, Michigan, and western Penn- sylvania.	1	122	7.1	4	4	5	39	37	28	5						.303	1	2	22	29	43	19	6						
Illinois and Wisconsin.	1	71	7.2	1	2	7	12	32	17							.267			2	26	38	11	2	2					
Total.	2	193	7.1	5	6	12	61	69	45	5						.290	1	4	48	57	84	21	8						
Grand total.	10	499	7.3	12	15	32	131	133	91	86						.289	9	14	121	190	67	45	42	8	2	1			

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY.—Continued.

RUBBER: TIRES.

MALES.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Aver- age Num-ber of hours worked per week day.	Employees whose average hours worked— per week day for the pay-roll period were—												Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—												
			4 5 6 7 8 9 10 11 12													25 30 35 40 50 60 70 80 90												
			Un- and un- and un- and un- and un- and un- and un- and un- and un- and un- and													der der der der der der der der der der der der der der der												
One week: Massachusetts and Connecticut.....	2	61	8.1	.....	3	3	8	2	31	7	5	1	1	1	\$0.599	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Delaware, New Jersey, and eastern Pennsylvania.....	5	28	8.4	1	1	1	1	5	6	9	4	.....	.....	.....	.581	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio, Michigan, and western Penn- sylvania.....	3	53	7.5	.....	7	6	21	12	7	.....	.....	.....	.....	.....	.816	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois and Wisconsin.....	1	13	9.1	.....	.....	.....	.....	1	3	8	.....	1	.....	.....	.411	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	11	155	8.0	1	4	11	15	29	52	31	9	2	1	1	.654	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Two weeks and one-half month: Ohio, Michigan, and western Penn- sylvania.....	1	16	6.3	1	.....	1	14	.....	.....	.....	.....	.....	.....	.....	1.273	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois and Wisconsin.....	2	37	8.9	1	.....	1	10	5	13	4	.....	3	.....	.....	.531	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	3	53	8.1	2	.....	2	14	10	5	13	4	.....	3	.....	.755	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
One month: Ohio, Michigan, and western Penn- sylvania.....	1	2	7.3	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.732	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand total.....	15	210	8.1	3	4	13	20	40	57	44	13	2	4	.....	.680	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

BEAD MAKERS.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ment-ces.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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One week: Massachusetts and Connecticut.....	2	76	8.7					10	48	18																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

BUILDERS OR MAKERS, MACHINE.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—											
			Un-der 4.													Un-der 25 cts.											
			4	5	6	7	8	9	10	11	12	13	14	15	16	25	30	35	40	50	60	70	80	90	cs.	cs.	cs.	cs.
One week:	3	8	8.4				1	6	1							Un-der 25 cts.	and un-der 30 cts.	and un-der 35 cts.	and un-der 40 cts.	and un-der 50 cts.	and un-der 60 cts.	and un-der 70 cts.	and un-der 80 cts.	and un-der 90 cts.	and un-der \$1.10	and un-der \$1.25	
Delaware, New Jersey, and eastern Pennsylvania.....																											
Ohio, Michigan, and western Pennsylvania.....	2	13	7.4	1	2	2	5	3																			
Total.....	5	21	7.8	1	2	2	1	11	4																		
Two weeks and one-half month:																											
Ohio, Michigan, and western Pennsylvania.....	1	3	7.5		1			2																			
Illinois and Wisconsin.....	1	9	10.0						5	2	2																
Total.....	2	12	9.4		1				2	5	2	2															
One month:																											
Ohio, Michigan, and western Pennsylvania.....	1	24	6.2	2	5	12	1	4																			
Grand total.....	8	57	7.4	1	2	8	14	2	17	9	2	2															

LATHE MEN, BUFFERS, AND CUTTERS.

OPERATORS, TUBING MACHINE—JACKET AND COVER.

[illegible]

PLY CUTTERS, TREAD CUTTERS, SPLICERS, AND PREPARERS.

[illegible]

Ohio, Michigan, and western Pennsylvania.....	3	560	7.6	4	25	33	113	111	207	41	11	3	12	.775	.....	1	38	24	119	146	117	63	40	10	2	.....
Total.....	10	1,019	8.1	9	29	37	172	143	331	157	105	20	16	.715	1	26	100	171	153	251	183	74	46	12	2
Two weeks and one-half month: Ohio, Michigan, and western Pennsylvania.....	1	64	6.4	5	5	2	46	1	5	.....	.....	.....	.....	1.071	.....	.....	8	2	3	2	3	.....	10	34	7	.....
Illinois and Wisconsin.....	2	25	9.4	.....	.....	2	2	2	6	3	12	.....	.....	.632	.....	1	1	5	9	8	.....	.....	.....	.....	.....	.....
Total.....	3	89	7.2	5	5	2	48	3	11	3	12	.....	.....	.948	.....	1	4	7	12	10	3	.....	10	34	7	.....
One month: Ohio, Michigan, and western Pennsylvania.....	1	102	6.8	4	1	11	41	36	1	4	4	.....	.....	.705	.....	.....	6	8	21	63	1	3	.....	.....	.....	.....
Grand total.....	14	1,210	7.9	18	35	50	261	182	343	164	121	20	16	.731	2	27	110	186	324	187	77	56	46	9	

WRAPPERS, MACHINE.

One week:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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FEMALES.

READ MAKERS.

One week: Delaware, New Jersey, and eastern Pennsylvania.....	3	26	8.1	1	3	5	9	8	\$0.389	5	2	2
Illinois and Wisconsin.....	1	3	9.1	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.266	.....	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	4	29	8.2	1	.....	.....	3	5	9	11	.....	.....	.....	.378	.....	2	6	10	5	2	2	.....	.....	.....	.....	.....
Two weeks and one-half month: Illinois and Wisconsin.....	2	5	8.3	.....	.....	.....	.....	.....	2	2	1	.....	.....	.368	.....	.....	2	1	2	.....	.....	.....	.....	.....	.....	.....
Grand total.....	6	34	8.2	1	.....	.....	3	7	11	12	.....	.....	.....	.376	.....	2	8	11	7	2	2	.....	.....	.....	.....	.....

FINISHERS AND TREADERS.

[illegible]

LABORERS.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
 OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES—Concluded.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

SILK.
MALES.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—												
			Un-der 4.													14 der cts.	16 un- der cts.	18 un- der cts.	20 un- der cts.	25 un- der cts.	30 un- der cts.	35 un- der cts.	40 un- der cts.	50 un- der cts.	60 un- der cts.	70 un- der cts.	80 un- der cts.	and over.
			4.	5.	6.	7.	8.	9.	10.	11.	12.	and over.																

LABORERS, DYEDHOUSE.

One week:	4	219	8.1	18	4	3	7	12	101	43	30	.....	1	\$0.395	.....	.....	2	.....	17	6	77	116	1	.....	.....	.....	.....	.....	.....	.....
All States.....																															
Two weeks:																															
New Jersey.....	2	859	8.0	63	23	38	52	115	352	99	102	12	3	.419	.....	.....	.....	.....	.....	.....	13	843	3	.....	.....	.....	.....	.....	.....	.....
Pennsylvania.....	2	307	7.8	26	5	17	16	38	128	64	4	2	9	.412	.....	.....	.....	.....	.....	.....	.....	305	2	.....	.....	.....	.....	.....	.....	.....
Other States.....	2	26	8.0	1	.....	.....	2	2	20	1	.....	.....	.....	.409	.....	.....	.....	.....	.....	4	8	17	2	.....	.....	.....	.....	.....	.....	.....
Total.....	6	1192	7.9	90	28	55	70	153	500	164	106	14	12	.417	.....	.....	.....	.....	.....	4	16	1165	7	.....	.....	.....	.....	.....	.....	.....
Grand total.....	10	1411	8.0	108	32	58	77	165	601	207	136	14	18	.414	17	10	93	1281	8

LOOM FIXERS.

One week:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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**AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.**

MALES—Concluded.

Pay-roll period and locality.	Num-ber of es-tab-lish-ments.	Aver-age hours work-ed per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earn-ings per hour and work-ed.	Employees whose earnings per hour worked were—																
			Un-der 4.													14 cts.	Un-der 14 cts.															
			4	5	6	7	8	9	10	11	12	13	14	15			16	17	18	19	20	25	30	35	40	50	60	70	80	over.		
REFELERS.																																
Two weeks:																																
New Jersey.....	3	17	6.7	3	2	2	3	4	2						1	\$0.279			1	1	3	3	8	1								
Pennsylvania.....	2	2	7.7			1		1	1							.252					1	1										
Other States.....	1	1	15.1												1	.296																
Total.....	6	20	7.3	3	2	3	3	4	3						2	.277			2	2	4	5	8	1								
SPINNERS.																																
Two weeks:																																
Massachusetts.....	2	17	7.3	2	1	1	3	4	6							\$0.285				2	4	6	2		3							
New Jersey.....	2	35	9.2	3		2	5	6	6	3	7					.476								8	15	8	9					
Pennsylvania.....	2	25	6.2	6		3	7	5		1						.206	2	4	5	4	2	6	1		1							
Other States.....	1	1	12.5												1	.329																
Total.....	7	78	7.9	11	1	5	12	14	12	7	3	8				.355	2	4	5	6	6	12	4	3	19	8	9					
TWISTERS-IN.																																
One week:																																
Connecticut.....	2	31	7.6	2		2	2	2	2	2						\$0.462							3	4	3	7	8	6				
New York.....	2	5	8.7							3	2					.427									2	2	1					
Other States.....	2	14	8.3			2	2	2	8							.317			1	2	3											
Total.....	7	50	7.9	2	2	4	4	4	26	12						.418	1		2	3	3	4	5	17	9	6						

TWISTERS-IN.

Two weeks:																			
Massachusetts.....	2	38	8.4	1	1	1	2	20	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey.....	5	30	7.9	1	1	3	4	2	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York.....	11	9.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania.....	3	10	7.5	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rhode Island.....	3	12	6.9	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other States.....	2	10	8.4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	17	111	8.2	4	6	5	7	8	46	24	3	4	4	.....	.....	.....	.....	.....	.....
Grand total.....	24	161	8.1	6	6	7	11	12	72	36	3	4	4	.....	.....	.....	.....	.....	.....

WARPERS.

Two weeks:																			
New Jersey.....	4	59	8.0	2	.....	.....	.....	9	48	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other States.....	3	9	7.8	2	.....	.....	.....	4	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	7	68	8.0	2	2	.....	.....	9	52	3	.....	.....	.....	.....	.....	.....	.....	.....	.....

WEAVERS, BROAD SILK.

Two weeks:																			
Connecticut.....	3	327	7.5	17	20	12	22	51	172	33	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts.....	2	218	8.1	4	6	2	9	21	128	48	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey.....	4	348	7.9	7	2	1	14	40	264	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York.....	5	392	8.2	1	2	.....	.....	2	14	50	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania.....	4	43	8.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rhode Island.....	4	358	8.3	15	17	3	7	8	22	298	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia.....	2	23	7.9	1	4	1	.....	1	2	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	24	1,409	8.0	45	52	20	57	156	650	427	2	.....	.....	.....	.....	.....	.....	.....	.....

WEAVERS, RIBBON.

Two weeks:																			
New Jersey.....	4	211	7.4	12	5	8	10	80	96	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York.....	2	78	8.3	2	1	1	2	1	55	16	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other States.....	1	84	7.2	1	4	2	6	4	15	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	7	323	7.6	15	10	11	18	85	166	18	.....	.....	.....	.....	.....	.....	.....	.....	.....

QUILLERS.

[illegible]

REFLECT.

[illegible]

SPINNERS.

	2	109	7.5	6	2	4	10	15	70	2		\$0.285				16	43	50		
One week: Connecticut.....																				
Two weeks:																				
New Jersey.....	2	20	8.6						11	7		.316						3	16	1
Pennsylvania.....	3	122	7.4	7	6		13	16	54	19		.216	1	3	15	18	61	17	7	
Other States.....	2	123	7.4	1		3	7	104	2	5		.318	1	3	9	3	44	38	16	8
Total.....	7	265	7.5	8	6	10	20	122	67	31			1	.271	1	3	16	21	70	64
Grand total.....	9	374	7.5	14	8	14	30	137	137	33			1	.275	1	3	16	21	86	107

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES—Concluded.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour and work-ed.	Employees whose earnings per hour worked were—											
			Un-der 4.													14 and un-der 14 cts.											
			4 and un-der 5.	5 and un-der 6.	6 and un-der 7.	7 and un-der 8.	8 and un-der 9.	9 and un-der 10.	10 and un-der 11.	11 and un-der 12.	12 and un-der over.	14 and un-der 14 cts.	16 and un-der 16 cts.	18 and un-der 18 cts.		20 and un-der 20 cts.	25 and un-der 25 cts.	30 and un-der 30 cts.	35 and un-der 35 cts.	40 and un-der 40 cts.	50 and un-der 50 cts.	60 and un-der 60 cts.	70 and un-der 70 cts.	80 and un-der 80 cts.			
TWISTERS-IN.																											
One week:																											
New York.....	2	3	7.8	.....	.....	1	.....	2	.....	.....	.....	\$0.368	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....	.....	.....	.....
Other States.....	2	55	8.3	2	.....	5	3	19	26	.....	.....	.291	.....	.....	.....	.....	14	22	11	3	5	.....	.....	.....	.....	.....
Total.....	4	58	8.3	2	.....	6	3	21	26	.....	.....	.295	.....	.....	.....	.....	14	22	12	4	6	.....	.....	.....	.....	.....
Two weeks:																											
New Jersey.....	3	23	7.5	2	.....	1	6	14	.....	.....	.....	.477	.....	.....	.....	.....	.....	.....	1	3	4	4	6	5	.....	.....
New York.....	2	7	8.3	.....	.....	.....	1	6	.....	.....	.....	.307	.....	.....	.....	.....	.....	.....	2	1	2	4	.....	.....	.....	.....
Pennsylvania.....	3	22	7.3	.....	.....	1	2	9	3	.....	.....	.277	.....	.....	.....	.....	1	3	7	4	3	1	.....	.....	.....	.....
Other States.....	1	1	8.8	.....	.....	.....	.....	1	.....	.....	.....	.190	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	9	53	7.6	2	1	2	5	16	24	3	.....	.366	.....	.....	.....	.....	2	5	9	9	5	6	5	.....	.....	.....
Grand total.....	13	111	7.9	4	1	2	11	19	45	29	.....	.329	.....	.....	.....	.....	2	19	31	21	13	11	6	5	.....	.....

WARPERS.

One week:																									
Connecticut.....	2	43	7.8	3	1	.....	5	5	19	10	.....	\$0.360	.....	.....	.....	.....	.....	.....	2	8	12	7	12	2	.....
New York.....	3	20	8.8	.....	.....	.....	.....	7	13	.....	.....	.278	.....	.....	.....	.....	.....	.....	6	10	1	3	.....	.....	.....
Other States.....	1	43	9.0	.....	.....	.....	.....	.....	43	.....	.....	.361	.....	.....	.....	.....	.....	.....	1	1	19	6	4	7	.....
Total.....	6	106	8.5	3	1	.....	5	5	26	66	.....	.345	.....	.....	.....	.....	.....	.....	9	19	32	16	16	9	.....
Two weeks:																									
Massachusetts.....	2	92	7.9	3	2	2	1	24	50	10	.....	.368	.....	.....	.....	.....	.....	.....	1	6	11	17	21	35	1
New Jersey.....	5	131	7.6	5	5	3	6	24	88	.....	.....	.385	.....	.....	.....	.....	.....	.....	2	22	26	21	48	7	4
New York.....	2	21	7.6	1	1	2	6	6	5371	1	2	5	7	4	2	1

[illegible]

WEAVERS, BROAD SILK.

Two weeks:	3	225	7.4	20	11	8	13	36	136	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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WEAVERS, RIBBON.

Two weeks:												
New Jersey.....	3	188	6.7	21	4	8	20	72	43
Other States.....	3	125	7.3	11	9	5	8	19	59	14
Total.....	6	293	7.0	32	13	13	28	91	102	14	.....	.....

WANDERS.

[illegible]

Missouri.....	2	53	9.0	1	1	7	38	6	419	1	14	19	17	2	15	6	.....
New Jersey.....	2	99	8.1	1	16	49	25	.....	492	.....	13	22	15	29	.....	.....	.....
New York.....	4	258	8.9	10	14	90	95	31	4	597	17	13	20	23	44	79	2
Ohio.....	2	195	8.4	3	11	49	121	.....	471	1	9	13	78	38	37	15	5
Wisconsin.....	2	15	7.7	.....	.....	.....	.....	.....	386	3	2	1	1	2	4	.....	.....
Other States.....	2	95	8.0	3	4	83	.....	.....	437	.....	16	8	14	38	19	.....	.....
Total.....	21	1,269	8.5	23	10	27	52	85	499	492	114	11	.....	.....	272	230	173
Two weeks and one-half month:																	
Illinois.....	3	142	9.1	1	9	15	23	63	5	3	.....	.....	.....	.....	.....	.....	.....
Pennsylvania.....	3	136	7.7	9	4	12	31	15	21	36	.....	.....	.....	.....	.....	.....	.....
Other States.....	1	44	9.4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	7	322	8.6	23	4	13	32	28	36	93	75	9	9	395	.....	.....	.....
Grand total.....	28	1,691	8.5	46	20	40	84	113	525	545	189	20	9	498	.....	.....	.....

ASSEMBLERS (PART) AND WELDERS.

One week:																	
Connecticut.....	3	71	8.4	1	1	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana.....	3	34	8.2	1	1	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan.....	3	36	8.4	1	1	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri.....	2	29	8.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey.....	2	38	7.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York.....	4	69	8.8	1	1	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio.....	2	72	8.6	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisconsin.....	2	11	8.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other States.....	2	24	8.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	21	374	8.5	4	2	3	11	32	174	140	5	3	.....	.....	.....	.....	.....
Two weeks and one-half month:																	
Illinois.....	3	101	9.5	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania.....	3	25	7.6	1	4	6	6	6	1	.....	.....	.....	.....	.....	.....	.....	.....
Other States.....	1	6	9.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	7	129	9.2	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand total.....	28	503	8.6	12	2	5	16	39	184	166	56	17	6	398	3	13	50

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			Un-der 4, 5, 6, 7, 8, 9, 10, 11, 12.													Un-der 20 cts.	25 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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DRILL-PRESS MEN, HANDS, AND OPERATORS.

FITTERS, STRAIGHTENERS, AND FILERS.

One week:	3	59	8.2	1	1	1	4	2	31	19																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									</
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GEAR CUTTER, LATHE, AND PLANNER HANDS AND OPERATORS.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Num-ber of employ-ees.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Employees whose earnings per hour worked were—													
				Un-der 4.												Un-der 20 cts.													
				4.	5.	6.	7.	8.	9.	10.	11.	12.	11.	12.	and over.	per hour worked.	20 cts.	25 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	and over.	\$1. and over.
One week:																													
Connecticut.....	3	44	8.4	1	1	1	3	13	26							\$0.450	1	3	3	7	0	3	14	2					
Indiana.....	2	10	7.5	2				2	6							.512			1			3	4	1					
Michigan.....	2	76	8.1	3		2	9	31	19							.598			1			20	37	9					
New Jersey.....	2	9	8.1					4	3							.481			2	2	1	4	1						
New York.....	3	49	8.8			1		21	19	3						.537			2	2	2	10	5	3	2	1			
Ohio.....	2	32	8.8				1	5	26							.500			1	2	6	6	12	5					
Other States.....	1	1	9.0					3	1							.817													
Total.....	15	221	8.4	6	1	3	11	74	99	3						.544	1	4	10	16	19	28	61	66	13	3	1		
Two weeks and one-half month:																													
Illinois.....	3	35	8.1	5	1	2		6	3							.384			1	14	0	4	1						
Pennsylvania.....	3	5	7.2					1	5							.408				4									
Other States.....	1	7	10.0				3	1								.375			3	1	2	1							
Total.....	7	47	8.3	5	1	2	3	5	14	7	3	1				.370			1	17	8	5	2						
Grand total.....	22	268	8.4	11	2	5	14	80	113	10	3	1				.514	1	5	27	30	26	33	63	66	13	3	1		

GRINDER HANDS AND OPERATORS.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—										Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
			Un-der 4.											Un-der 20 cts.	20 and under cts.	25 and under cts.	30 and under cts.	35 and under cts.	40 and under cts.	45 and under cts.	50 and under cts.	60 and under cts.	70 and under cts.	80 and under cts.	90 and over. \$1.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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INSPECTORS, FINAL.

One week:	3	47	9.5						1	7	23	16		\$0.583					2	1	26	4	14			
Connecticut.....	2	8	8.9						2	2	4			.569							5	3				
Indiana.....	2	194	7.8	3	8	21	21	124	5	6				.588					10	20	96	68				
Michigan.....	2	5	9.5					4	1					.498						3	2	1				
Missouri.....	2	5	8.9					2	3					.737												
New Jersey.....	4	109	9.5					2	32	29	37	7		.651					2	5	4	8	12	40	14	
New York.....	2	41	8.8					3	6	31				.491					1	1	5	8	26		24	
Ohio.....	3	27	8.1					1	3	21				.513					1	2	22	2	1			
Other States.....	2																									
Total.....	20	436	8.6	3	7	9	25	30	194	96	64	7		.578					5	21	40	190	118	20	27	
Two weeks and one-half month:																										
Illinois.....	3	60	10.6				1			19	15	22	3	.474					1	15	5	39				
Pennsylvania.....	3	15	7.7	1			3	5	2	1				.801						2	10	1				
Other States.....	1	14	9.9							13	1			.500						1	2	10				
Total.....	7	89	10.0	1			4	3	5	34	17	22	3	.483					1	18	9	59	1			
Grand total.....	27	525	8.8	4	7	9	30	33	199	130	81	29	3	.562					2	5	36	49	240	119	29	27

**AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.**

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Num-ber of employ-ees.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
				Un-der 4.													20 cts.	25 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1. and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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INSPECTORS, FINAL.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—											
			Un-der 4.	4	5	6	7	8	9	10	11	12	Un-der 20 cts.	20		25	30	35	40	45	50	60	70	80	90		
				5.	6.	7.	8.	9.	10.	11.	12.	20 der cts.		25 der cts.		30 der cts.	35 der cts.	40 der cts.	45 der cts.	50 der cts.	60 der cts.	70 der cts.	80 der cts.	90 der cts.	\$1 and over.		
JAPANNERS AND ENAMELERS, SECOND CLASS.																											
One week:																											
Connecticut.....	3	21	7.9	1	.....	2	3	7	8	9	10	11	1	.....	.....	.....	1	4	6	8	2	.....	.....	.....	.....	.....
Indiana.....	2	17	8.0	.....	.....	.....	4	4	4	7	.....	.....	.....	.....	.....	.....	1	10	3	1	2	.....	.....	.....	.....	.....
New Jersey.....	2	5	8.4	.....	.....	.....	.....	3	2	2	3	.....	.....	.....	.....	.....	1	.....	3	1	3	.....	.....	.....	.....	.....
New York.....	4	22	8.8	1	.....	1	10	7	7	7	8	.....	.....	.....	.....	.....	2	6	.....	3	2	9	.....	.....	.....	.....
Ohio.....	2	36	6.9	1	.....	5	17	1	7	5	.....	.....	.....	.....	.....	.....	1	2	6	3	21	8	.....	.....	.....
Other States.....	4	28	7.7	2	.....	3	2	19	2	.....	.....	.....	.....	.....	.....	.....	2	1	5	5	14	.....	.....	.....	.....
Total.....	17	129	7.7	4	1	7	23	11	50	29	3	1	.....	.....	.....	.....	7	23	20	20	44	12	.....	.....	.....	.....
Two weeks and one-half month:																											
Illinois.....	3	11	9.7	.....	.....	1	.....	.....	5	2	3	.....	.....	.....	.....	.....	.....	3	7	1	.....	.....	.....	.....	.....	.....
Pennsylvania.....	3	17	7.3	.....	.....	2	7	3	1	4	.....	.....	.....	.....	.....	.....	.....	5	7	1	3	.....	.....	.....	.....	.....
Other States.....	1	10	9.3	.....	.....	1	.....	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	7	38	8.5	.....	.....	4	7	3	2	17	2	3	.....	.....	.....	.....	.....	18	14	2	1	3	.....	.....	.....	.....
Grand total.....	24	167	7.9	4	1	11	30	14	52	46	5	4	.....	.....	.....	.....	1	25	37	22	21	47	12	.....	.....	.....

JAPANNERS AND ENAMELERS, SECOND CLASS.

LABORERS.

One week:	3	62	8.6	2	2	1	4	17	28	5	1	1	\$0.352	2	2	16	35	5	1	1
Connecticut.....	3	62	8.6	2	2	1	4	17	28	5	1	1	\$0.352	2	2	16	35	5	1	1
Indiana.....	2	15	8.5	3	2	5	2	10	4	5	3	1	.379	1	1	0	3	1	3	1
Michigan.....	2	70	8.1	3	2	5	2	29	22	5	5	1	.433	2	2	1	0	37	21	3
Missouri.....	2	5	9.0	5	1	5	5	5	4	3	3	1	.306	2	2	1	2	6	4	4
New Jersey.....	2	12	8.4	1	1	1	2	7	3	5	3	1	.365	1	1	11	2	4	10	13
New York.....	4	48	8.9	1	1	1	2	26	12	5	3	2	.380	1	6	9	91	13	10	1
Ohio.....	2	134	9.0	1	1	2	4	9	109	8	3	2	.382	1	6	9	91	27	1	1
Other States.....	2	8	9.0	7	5	4	9	3	5	19	4	5	.352	0	14	41	163	81	34	4
Total.....	19	354	8.7	7	5	4	12	101	188	19	4	5	.384	0	14	41	163	81	34	4
Two weeks and one-half month:																				
Illinois.....	3	36	9.9	1	1	1	1	1	11	12	5	4	.330	1	3	20	8	3	1	1
Pennsylvania.....	3	23	7.9	1	1	3	9	5	4	1	1	1	.323	1	4	9	8	1	1	1
Other States.....	1	2	7.9	1	1	1	1	1	1	1	1	1	.300	2	2	2	2	2	2	2
Total.....	7	61	9.0	1	1	1	4	11	6	15	5	4	.327	2	7	31	16	4	1	1
Grand total.....	26	415	8.8	8	6	5	13	23	107	203	32	9	.376	8	21	72	179	95	35	4

MACHINE SETTERS.

[illegible]

**AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.**

MALES—Continued.

Pay-roll period and locality.	Employees whose average hours worked per week day for the pay-roll period were—												Employees whose earnings per hour worked were—														
	Num-ber of estab-lish-ments	Aver-age hours worked per week day.	Aver-age earnings per hour worked.										Un-der 20 cts. 25 cts. 30 cts. 35 cts. 40 cts. 45 cts. 50 cts. 60 cts. 70 cts. 80 cts. 90 cts. \$1 and over.														
			Un-der 4.	4. 5.	5. 6.	6. 7.	7. 8.	8. 9.	9. 10.	10. 11.	11. 12.	and over.	Un-der 20 cts.	25 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1 and over.			
One week:																											
Connecticut.....	3	16	8.6					2	6	8																	
Indiana.....	2	5	8.5					3	3	2																	
Michigan.....	2	20	8.9				1	1	7	11																	
New York.....	4	21	9.0				1	1	10	5	4	1															
Ohio.....	2	81	8.7	1	1	2	2	1	7	69																	
Other States.....	4	9	8.2					1	7	1																	
Total.....	17	152	8.7	1	1	4	5	40	96	4	1																
Two weeks and one-half month:																											
Illinois.....	3	10	9.9						1	6	1	1	1														
Pennsylvania.....	3	11	7.4	1	1	1	1	2	3	2	1																
Other States.....	1	3	9.3							3																	
Total.....	7	24	8.7	1	1	1	1	2	4	11	2	1	1														
Grand total.....	24	176	8.7	2	2	5	7	44	107	6	2	1															

MACHINISTS.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Num-ber of employ-ees.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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POLISHERS (FINE) AND BUFFERS.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

MALES—Concluded.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Num-ber of employ-ees.	Aver- age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—											Aver- age earnings per hour worked.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				Un-der 4.	4. 5.	5. 6.	6. 7.	7. 8.	8. 9.	9. 10.	10. 11.	11. 12.	12. over.	Un-der 20 cts.		20 cts.	25 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	\$1 and over.	\$1.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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SCREW-MACHINE HANDS AND OPERATORS.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES.

Pay-roll period and locality.	Num-ber of estab-lish-ments	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—												
			Un-der 4.													Un-der 16 cts.												
			4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.		16.	18.	20.	25.	30.	35.	40.	45.	50.	60.	70.	80.	
One week: All States.	1	3	9.0						1	2																		
Two weeks and one-half month: Illinois.	2	8	9.7						2		6																	
	1	8	8.9			1		1	6																			
Total.	3	16	9.3			1		3	6	6																		
Grand total.	4	19	9.2			1		4	8	6																		
ALIGNERS.																												
ASSEMBLERS, FINAL AND SECTIONAL.																												
One week: Connecticut.	3	18	7.8			3	5	7	3																			
	3	105	8.1	3	1	5	13	64	17																			
	2	24	7.9			1	3	20																				
	6	82	7.5	5	3	10	8	56																				
Total.	14	229	7.9	8	4	3	18	29	147	20																		

ASSEMBLERS, FINAL AND SECTIONAL.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver-age hours work-ed per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earn-ings per hour work-ed.	Employees whose earnings per hour worked were—												
			Un-der 4.													Un-der 16 cts.												
			4	5	6	7	8	9	10	11	12	13	14	15		16	18	20	25	30	35	40	45	50	60	70	80	over.
One week:	1	3	9.0					1	2																			
All States.....	1	3	9.0					1	2																			
Two weeks and one-half months:																												
Illinois.....	2	8	9.7					2		6																		
Other States.....	1	8	8.9					1	6																			
Total.....	3	16	9.3					3	6	6																		
Grand total.....	4	19	9.2					4	8	6																		
ALIGNERS.																												
One week:																												
All States.....																												
Two weeks and one-half months:																												
Illinois.....																												
Other States.....																												
Total.....																												
Grand total.....																												
ASSEMBLERS, FINAL AND SECTIONAL.																												
One week:																												
Connecticut.....	3	18	7.8				3	5	7	3																		
New York.....	3	105	8.1				8	13	64	17																		
Ohio.....	2	24	7.9				1	8	20																			
Other States.....	6	82	7.5				3	10	56																			
Total.....	14	229	7.9				4	38	29	47	20																	

ASSEMBLERS, FINAL AND SECTIONAL.

Two weeks and one-half month:														
Illinois.....	3	49	8.9	3	.....	1	4	5	20	16	.....	284	.....	.....
Pennsylvania.....	3	41	8.1	3	.....	6	28	1	7	11	.....	220	.....	.....
Other States.....	1	18	9.0	.....	.....	.....	.....	.....	.....	.....	.....	280	.....	.....
Total.....	7	108	7.9	6	.....	6	29	5	13	33	16	284	.....	.....
Grand total.....	21	337	7.9	14	4	9	47	31	180	53	16	317	1	11

ASSEMBLERS (PART) AND WELDERS.

One week:														
Connecticut.....	3	205	8.1	3	4	7	20	35	46	90	.....	30	311	.....
Indiana.....	2	36	7.0	1	.....	.....	.....	21	31	.....	.....	240	.....	.....
Michigan.....	2	64	7.4	4	2	3	4	10	39	2	.....	293	.....	.....
New York.....	2	85	8.4	1	1	1	1	9	40	32	.....	328	.....	.....
Ohio.....	2	52	7.7	.....	.....	.....	.....	6	39	.....	.....	323	.....	.....
Other States.....	4	65	8.1	.....	.....	.....	.....	7	53	.....	.....	256	1	4
Total.....	16	507	8.0	9	8	14	35	69	248	124	.....	304	1	5
Two weeks and one-half month:														
Illinois.....	3	97	8.9	7	.....	1	7	3	7	21	51	.....	.....	.....
Pennsylvania.....	2	65	8.0	7	4	9	30	2	3	1	.....	249	.....	.....
Other States.....	1	49	8.5	3	.....	2	1	1	9	33	.....	186	1	40
Total.....	6	211	7.9	17	4	12	47	6	19	55	51	227	1	41
Grand total.....	22	719	8.0	26	12	26	82	75	267	179	51	282	2	46

DRILL-PRESS HANDS AND OPERATORS.

One week:														
Connecticut.....	2	57	7.8	2	2	1	3	5	38	6	.....	30	328	.....
Indiana.....	2	11	7.3	1	.....	1	2	1	9	.....	.....	301	.....	.....
New York.....	2	116	7.6	4	2	1	12	18	58	20	.....	307	.....	.....
Ohio.....	2	103	7.8	3	1	.....	3	11	85	.....	.....	329	.....	.....
Other States.....	6	117	7.7	4	2	2	9	18	81	1	.....	306	1	.....
Total.....	15	407	7.8	14	7	5	30	63	271	27	.....	315	1	.....

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Num-ber of employ-ees.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earnings per hour worked.	Employees whose earnings per hour worked were—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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				4 cts.	5 cts.	6 cts.	7 cts.	8 cts.	9 cts.	10 cts.	11 cts.	12 cts.	13 cts.	14 cts.	15 cts.			16 cts.	18 cts.	20 cts.	25 cts.	30 cts.	35 cts.	40 cts.	45 cts.	50 cts.	60 cts.	70 cts.	80 cts.	90 cts.	over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
DRILL-PRESS HANDS AND OPERATORS—Continued.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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GEAR CUTTER, LATHE, AND PLANNER HANDS AND OPERATORS.

	7	58	8.1	1	4	5	46	2		\$0.311		3	34	5	6	5	3	2
One week: All States.....																		
Two weeks and one-half month:																		
All States.....	1	8	7.3	3			1	3	1	.232		5	3					
Total.....	8	66	8.0	3	1	4	5	47	5	.300		8	37	5	6	5	3	2

GRINDER HANDS AND OPERATORS.

	4	23	7.8	1	-----	1'	2	3	14	2	-----	\$0.316	-----	15	-----	3	5	-----	
One week:																			
All States.....																			
Two weeks and one-half month:																			
All States.....	2	2	7.8	1	-----	1	-----	1	-----	1	-----	.220	-----	1	-----	1	-----	-----	
Total.....	6	25	7.8	1	-----	2	2	3	14	2	1	-----	.308	-----	1	-----	3	5	-----

HANDY MEN.

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INSPECTORS, FINAL.

[illegible]

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND
OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Continued.

FEMALES—Continued.

Pay-roll period and locality.	Num-ber of estab-lish-ments.	Aver-age hours worked per week day.	Employees whose average hours worked per week day for the pay-roll period were—												Aver-age earn-ings per hour work-ed.	Employees whose earnings per hour worked were—													
			day for the pay-roll period were—																										
			Un-der 4.	and 4. 5.	and 5. 6.	and 6. 7.	and 7. 8.	and 8. 9.	and 9. 10.	and 10. 11.	and 11. 12.	and 12. over.	Un-der 16 cts.	16 der 18 cts.		18 and 20 cts.	20 and 25 cts.	25 and 30 cts.	30 and 35 cts.	35 and 40 cts.	40 and 45 cts.	45 and 50 cts.	50 and 60 cts.	60 and 70 cts.	70 and 80 cts.	80 and over.			
One week:																													
Connecticut.....	2	47	7.8	3	1	4	1	6	17	15			\$0.314				4	18	7	18									
Indiana.....	2	16	8.2					1	2	13			.258					16											
Michigan.....	2	180	7.5	14	3	2	17	20	123	1			.232		2		3	88	76	9	2								
New York.....	3	84	8.5	1	1	2	4	7	20	49			.268				6	38	39		1								
Ohio.....	2	74	7.7	1	1	3	5	10	54				.260				9	28	37										
Other States.....	4	74	7.9	1		3	5	11	52	2			.256				3	25	43	3									
Total.....	15	475	7.8	20	6	14	33	56	279	67			.286		2	3	47	231	162	27	2	1							
Two weeks and one-half month:																													
Illinois.....	3	36	9.4	1			1		3	12	19		.248				18	15	3										
Pennsylvania.....	3	56	6.6	6		4	24	11	1	7	2		.199				24	22	6	1									
Other States.....	1	6	8.2	1						5			.223					5	1										
Total.....	7	97	7.7	8		4	25	11	4	24	21		.219				24	45	22	4									
Grand total.....	22	572	7.8	28	6	18	68	67	283	91	21		.275		26	5	92	253	100	27	2	1							

INSPECTORS, PART.

AVERAGE AND CLASSIFIED HOURS WORKED PER WEEK DAY AND EARNINGS PER HOUR WORKED, BY SEX AND OCCUPATION OF EMPLOYEES, PAY-ROLL PERIOD, AND LOCALITY—Concluded.

FEMALES—Concluded.

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(Continued from second page of cover.)

- *Bul. 65, July, 1906, Wages and hours of labor in manufacturing industries, 1900 to 1905.
*Bul. 66, September, 1906, Third report of the Commissioner of Labor on strikes.
*Bul. 71, July, 1907, Wages and hours of labor in manufacturing industries, 1900 to 1906.
*Bul. 72, September, 1907, Italian, Slovak, and Hungarian unskilled immigrants: laborers in the United States.
*Bul. 77, July, 1908, Wages and hours of labor in manufacturing industries, 1900 to 1907.
1908, Investigation of Western Union and Postal Telegraph-Cable Companies (S. Doc. 73, 60th Cong., 2d sess.)
Bul. 81, September, 1909, The Minnesota iron mines.
*1910, Investigation of telephone companies (S. Doc. 380, 61st Cong., 2d sess.).
1910, Report on strikes at Bethlehem Steel Works, South Bethlehem, Pa. (S. Doc. 331, 61st Cong., 2d sess.).
*Bul. 87, March, 1910, Wages and hours of labor of union carpenters in the United States and English-speaking foreign countries.
Bul. 88, May, 1910, Trend of wages in Germany, 1890 to 1907.
1911, Committee of employment in the iron and steel industry in the United States (S. Doc. 210, 62d Cong., 1st sess.). Vols. I to III.
Bul. 94, May, 1911, Fourth Report of the Commissioner of Labor on Hawaii.
*Bul. 96, September, 1911, Working hours, earnings, and duration of employment of women workers in selected industries of Maryland and of California.
*1910-1912, Report on condition of woman and child wage earners in the United States (S. Doc. 645, 61st Cong., 2d sess.). Vols. I, II, III, IV, V, XVI, XVIII.
*1912, Strike of textile workers in Lawrence, Mass., in 1912 (S. Doc. 570, 62d Cong., 1st sess.).
A list of bulletins issued since July 1, 1912, in the series "Wages and Hours of Labor" is as follows:
Bul. 126, August, 1913, Wages and hours of labor in the cotton, woolen, and silk industries, 1906 to 1912.
Bul. 129, August, 1913, Wages and hours of labor in the lumber, millwork, and furniture industries, 1900 to 1912.
Bul. 131, August, 1913, Union scale of wages and hours of labor, 1907 to 1912.
Bul. 134, August, 1913, Wages and hours of labor in the boot and shoe and hosiery and knit goods industries, 1900 to 1912.
Bul. 135, September, 1913, Wages and hours of labor in the cigar and clothing industries, 1911 and 1912.
Bul. 137, December, 1913, Wages and hours of labor in the building and repairing of steam railroad cars, 1890 to 1912.
Bul. 142, March, 1914, Union scale of wages and hours of labor, May 15, 1913.
Bul. 146, April, 1914, Wages and regularity of employment in the dress and suit industry of New York City.
Bul. 147, June, 1914, Wages and regularity of employment in the cloak, suit, and skirt industry.
Bul. 150, May, 1914, Wages and hours of labor in the cotton, woolen, and silk industries, 1907 to 1913.
Bul. 151, May, 1914, Wages and hours in the iron and steel industry in the United States, 1907 to 1912.
Bul. 153, May, 1914, Wages and hours in the lumber, millwork, and furniture industries, 1907 to 1913.
Bul. 154, May, 1914, Wages and hours of labor in the boot and shoe and hosiery and underwear industries, 1907 to 1913.
Bul. 155, October, 1914, Wages and hours of labor in the clothing and dress industries, 1912 to 1913.
Bul. 160, October, 1914, Wages and hours of labor in the building and repairing of steam railroad cars, 1907 to 1913.
Bul. 168, April, 1915, Wages and hours of labor in the iron and steel industry in the United States, 1907 to 1913.
Bul. 174, September, 1915, Union scale of wages and hours of labor, May 1, 1914.
Bul. 177, August, 1915, Wages and hours of labor in the hosiery and underwear industry, 1907 to 1914.
Bul. 178, August, 1915, Wages and hours of labor in the boot and shoe industry, 1907 to 1914.
Bul. 187, March, 1916, Wages and hours of labor in the men's clothing industry, 1911 to 1914.
Bul. 190, May, 1916, Wages and hours of labor in the cotton, woolen, and silk industries, 1907 to 1914.
Bul. 194, May, 1916, Union scale of wages and hours of labor, May 1, 1915.
Bul. 199, April, 1916, Street railway employment in the United States.
Bul. 204, September, 1917, Union scale of wages and hours of labor, May 15, 1916.
Bul. 210, October, 1917, Wages and hours of labor in the iron and steel industry, 1907 to 1913.
Bul. 225, May, 1918, Wages and hours of labor in the lumber, millwork, and furniture industries, 1915.
Bul. 232, May, 1918, Wages and hours of labor in the boot and shoe industry, 1907 to 1916.
Bul. 234, May, 1918, Wages and hours of labor in the wooden and worked wood manufacturing.
Bul. 239, April, 1918, Wages and hours of labor in cotton goods manufacturing and finishing, 1916.
Bul. 243, March, 1919, Union scale of wages and hours of labor, May 30, 1917.
Bul. 252, August, 1919, Wages and hours of labor in slaughtering and meat packing industry.
Bul. 259, October, 1919, Union scale of wages and hours of labor, May 15, 1918.
Bul. 280, November, 1919, Wages and hours of labor in the boot and shoe industry, 1907 to 1915.
Bul. 282, November, 1919, Wages and hours of labor in cotton goods manufacturing and finishing, 1915.



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